

No. Dok. : F-PBM-16

Tgl. Berlaku : 13 Desember 2015

No. Rev. : 00



KEMENTERIAN RISET, TEKNOLOGI, DAN PENDIDIKAN TINGGI  
**POLITEKNIK NEGERI SRIWIJAYA**  
Jalan Sriwijaya Negara, Palembang 30139  
Telp. 0711-353414 Fax. 0711-355918  
Website : [www.polisriwijaya.ac.id](http://www.polisriwijaya.ac.id) E-mail : [info@polsri.ac.id](mailto:info@polsri.ac.id)



**KESEPAKATAN BIMBINGAN LAPORAN AKHIR (LA)**

Kami yang bertanda tangan di bawah ini,

**Pihak Pertama**

Nama : Marsha Guslita  
NIM : 061330330993  
Jurusan : Teknik Elektro  
Program Studi : Teknik Telekomunikasi

**Pihak Kedua**

Nama : Ir. Ibnu Ziad, M.T.  
NIP : 196005161990031001  
Jurusan : Teknik Elektro  
Program Studi : Teknik Telekomunikasi

Pada hari ini *Jum'at* tanggal *15 Januari 2016* telah sepakat untuk melakukan konsultasi bimbingan Laporan Akhir.

Konsultasi bimbingan sekurang-kurangnya 1 (satu) kali dalam satu minggu. Pelaksanaan bimbingan pada setiap hari *Senin* pukul *09.00*, tempat di Politeknik Negeri Sriwijaya.

Demikianlah kesepakatan ini dibuat dengan penuh kesadaran guna kelancaran penyelesaian Laporan Akhir.

Pihak Pertama,

Marsha Guslita  
NIM. 061330330993

Palembang, Februari 2016

Pihak Kedua,

Ir. Ibnu Ziad, M.T.  
NIP. 196005161990031001

Mengetahui,  
Ketua Jurusan

Yudi Wijanarko, S.T., M.T.  
NIP. 196705111992031003

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**KESEPAKATAN BIMBINGAN LAPORAN AKHIR (LA)**

Kami yang bertanda tangan di bawah ini,

**Pihak Pertama**

Nama : Marsha Guslita  
NIM : 061330330993  
Jurusan : Teknik Elektro  
Program Studi : Teknik Telekomunikasi

**Pihak Kedua**

Nama : Aryanti, S.T.,M.Kom.  
NIP : 197708092002122002  
Jurusan : Teknik Elektro  
Program Studi : Teknik Telekomunikasi

Pada hari ini ..... *Rabu* ..... tanggal ..... *29 Februari 2016* ..... telah sepakat untuk melakukan konsultasi bimbingan Laporan Akhir.

Konsultasi bimbingan sekurang-kurangnya 1 (satu) kali dalam satu minggu. Pelaksanaan bimbingan pada setiap hari ..... *Rabu* ..... pukul ..... *08.40* ..... tempat di Politeknik Negeri Sriwijaya.

Demikianlah kesepakatan ini dibuat dengan penuh kesadaran guna kelancaran penyelesaian Laporan Akhir.

Palembang, Februari 2016

Pihak Pertama,

Pihak Kedua,

Marsha Guslita  
NIM. 061330330993

Aryanti, S.T.,M.Kom.  
NIP. 197708092002122002

Mengetahui,  
Ketua Jurusan

Yudi Wijanarko, S.T., M.T.  
NIP. 196705111992031003




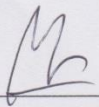

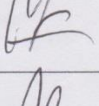

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 Telp. 0711-353414 Fax. 0711-355918  
 Website : www.polisriwijaya.ac.id E-mail : info@polsri.ac.id


**LEMBAR BIMBINGAN LAPORAN AKHIR**

Lembar : 1


Nama : Marsha Guslita  
 NIM : 061330330993  
 Jurusan/Program Studi : Teknik Elektro  
 Judul Laporan Akhir : Aplikasi Enkripsi dan Dekripsi sebagai Keamanan Data SMS Menggunakan Metode Vigenere Chiper Berbasis Android  
 Pembimbing I / II \*) : Ir.Ibnu Ziad,M.T.

No.	Tanggal	Uraian Bimbingan	Tanda Tangan Pembimbing
1.	3/3 2016	Uraian Pembahasan Bab I	
2.	10/3 2016	Acc Bab I & Revisi Bab II	
3.	6/4 2016	Acc Bab II & Uraian Bab III	
4.	21/4 2016	Revisi Bab III & Tabel	
5.	5/5 2016	Tambahan gambar pd Bab III	
6.	19/5 2016	Acc Bab III	
7.	9/6 2016	Revisi Bab IV & bly Diagram	

No.	Tanggal	Uraian Bimbingan	Tanda Tangan Pembimbing
8.	0/6 2016	Acc Bab IV & Lanjutkan penulisan BK	
9.	30/6 2016	Acc Bab V & Lanjutkan penulisan Abstrak	
10.	01/7 2016	Perbaiki seluruh laporan	
11.	06/7 2016	Laporan harus di perbaiki ulang	
12.	20/7 2016	Acc LA, siap sidang II	

Palembang, <sup>20/</sup> Juli 2016

Ketua Program Studi,

  
(Ciksadan, S.T., M.Kom.)  
NIP 196809071993031003

**Catatan:**

\*) melingkari angka yang sesuai.

Ketua Jurusan/Ketua Program Studi harus memeriksa jumlah pelaksanaan bimbingan sesuai yang dipersyaratkan dalam Pedoman Laporan Akhir sebelum menandatangani lembar bimbingan ini.

Lembar pembimbingan LA ini harus dilampirkan dalam Laporan Akhir.



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**LEMBAR BIMBINGAN LAPORAN AKHIR**

Lembar : 1

Nama : Marsha Guslita  
 NIM : 061330330993  
 Jurusan/Program Studi : Teknik Elektro/ Teknik Telekomunikasi  
 Judul Laporan Akhir : Aplikasi Enkripsi dan Dekripsi Sebagai Keamanan Data SMS Menggunakan Metode *Vigenere Chiper* Berbasis Android  
 Pembimbing II : Aryanti, S.T., M.Kom.

No.	Tanggal	Uraian Bimbingan	Tanda Tangan Pembimbing
1.	3 Maret 2016	Revisi Bab I sesuai yang disarankan	
2.	9 Maret 2016	Acc Bab I	
3.	17 Maret 2016	Revisi Bab II	
4.	7 April 2016	Acc Bab II	
5.	20 April 2016	lengkapi Bab III	
6.	27 April 2016	Acc Bab III	
7.	12 Mei 2016	Revisi Bab IV lengkapi proses dekripsi dan analisa	

No.	Tanggal	Uraian Bimbingan	Tanda Tangan Pembimbing
8.	18 Mei 2016	Acc Bab II lanjut Bab V	Agt
9.	26 Mei 2016	Acc Bab V	Agt
10.	16 Juni 2016	Lengkapi Laporan secara keseluruhan	Agt
11.	19 Juli 2016	Revisi Abstrak	Agt
12.	27 Juli 2016	Acc LA, Lanjutan ke pembimbing I	Agt

Palembang, <sup>20/</sup>27 Juli 2016

Ketua Program Studi,

(Ciksan, S.T., M.Kom.)  
NIP 196809071993031003

**Catatan:**

\*) melingkari angka yang sesuai.

Ketua Jurusan/Ketua Program Studi harus memeriksa jumlah pelaksanaan bimbingan sesuai yang dipersyaratkan dalam Pedoman Laporan Akhir sebelum menandatangani lembar bimbingan ini.

Lembar pembimbingan LA ini harus dilampirkan dalam Laporan Akhir.



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**PELAKSANAAN REVISI LAPORAN AKHIR**

Mahasiswa berikut,

Nama : Marsha Guslita  
 NIM : 061330330993  
 Jurusan/Program Studi : Teknik Elektro/Teknik Telekomunikasi  
 Judul Laporan Akhir : Aplikasi Enkripsi dan Dekripsi sebagai Keamanan Data SMS Menggunakan Metode Vigenere Chiper Berbasis Android

Telah melaksanakan revisi terhadap Laporan Akhir yang diujikan pada hari Jum'at tanggal 5 bulan Agustus tahun 2016. Pelaksanaan revisi terhadap Laporan Akhir tersebut telah disetujui oleh Dosen Penguji yang memberikan revisi:

No.	Komentar	Nama Dosen Penguji	Tanggal	Tanda Tangan
	Acc	Ir. Ibnu Ziad, M.T.	22/8-2016	
	Tidak ada Revisi	Ir. Jon Endri, M.T.	23/08 2016	
	Sudah di revisi Acc	Nasron, S.T., M.T.	19/08 - 2016	
	Acc	RA. Halimatussa'diyah, S.T., M.Kom.	16/08 2016	
	Acc. ds revisi	Eka Susanti, S.T., M.Kom.	19/08 2016	
	Sudah direvisi	Suzanzezi, S.T., M.Kom.	22/08 2016	

Palembang, Agustus 2016

Ketua Penguji,

(Ir. Ibnu Ziad, M.T.)

NIP 19600516 199003 1 001

**Catatan:**

\*) Dosen penguji yang memberikan revisi saat ujian laporan akhir.

\*\*\*) Dosen penguji yang ditugaskan sebagai Ketua Penguji saat ujian LA.

Lembaran pelaksanaan revisi ini harus dilampirkan dalam Laporan Akhir.

## LIST PROGRAM

### 1. Koding Layout

```
<RelativeLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    xmlns:tools="http://schemas.android.com/tools"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/k5"
    tools:context=".KelasLogo" >

    <ImageView
        android:id="@+id/Logokripto"
        android:layout_width="match_parent"
        android:layout_height="match_parent"
        android:layout_alignParentLeft="true"
        android:layout_alignParentRight="true"
        android:src="@drawable/kripto000001" />

</RelativeLayout>
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/k5" >

    <EditText
        android:id="@+id/user"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignLeft="@+id/textView2"
        android:layout_below="@+id/textView1"
        android:ems="10"
        android:inputType="textPersonName" >

        <requestFocus />
    </EditText>

    <EditText
        android:id="@+id/pass"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignLeft="@+id/textView2"
```



```
    android:layout_below="@+id/textView2"  
    android:ems="10"  
    android:inputType="textPassword" />
```

```
<TextView  
    android:id="@+id/textView1"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_alignParentLeft="true"  
    android:layout_below="@+id/textView3"  
    android:layout_marginLeft="46dp"  
    android:layout_marginTop="44dp"  
    android:text="username"  
    android:textAppearance="?android:attr/textAppearanceLarge" />
```

```
<TextView  
    android:id="@+id/textView3"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_alignLeft="@+id/textView1"  
    android:layout_alignParentTop="true"  
    android:layout_marginTop="30dp"  
    android:text="Masukkan ID!"  
    android:textAppearance="?android:attr/textAppearanceLarge" />
```

```
<Button  
    android:id="@+id/tombolregister"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_alignRight="@+id/user"  
    android:layout_below="@+id/pass"  
    android:layout_marginTop="34dp"  
    android:text="register" />
```

```
<TextView  
    android:id="@+id/textView2"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_alignRight="@+id/textView1"  
    android:layout_below="@+id/user"  
    android:layout_marginTop="40dp"  
    android:text="password"  
    android:textAppearance="?android:attr/textAppearanceLarge" />
```

```
</RelativeLayout>
```

```
<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    android:id="@+id/RelativeLayout1"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/k5"
    android:orientation="vertical" >

    <EditText
        android:id="@+id/pass"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignLeft="@+id/textView1"
        android:layout_below="@+id/textView1"
        android:ems="10"
        android:inputType="textPassword" />

    <TextView
        android:id="@+id/textView3"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignParentTop="true"
        android:layout_centerHorizontal="true"
        android:layout_marginTop="35dp"
        android:text="WELCOME" />

    <TextView
        android:id="@+id/textView1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignRight="@+id/textView3"
        android:layout_centerVertical="true"
        android:layout_marginRight="40dp"
        android:text="password"
        android:textAppearance="?android:attr/textAppearanceLarge" />

    <Button
        android:id="@+id/tombologin"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignRight="@+id/pass"
        android:layout_below="@+id/pass"
        android:layout_marginTop="43dp"
        android:text="Login" />
```

```
<TextView
    android:id="@+id/textView2"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_above="@+id/user"
    android:layout_alignLeft="@+id/user"
    android:layout_marginBottom="15dp"
    android:text="username"
    android:textAppearance="?android:attr/textAppearanceLarge" />
```

```
<EditText
    android:id="@+id/user"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_above="@+id/textView1"
    android:layout_alignLeft="@+id/textView1"
    android:layout_marginBottom="24dp"
    android:ems="10"
    android:inputType="textPersonName" >
```

```
<requestFocus />
```

```
</EditText>
```

```
<Button
    android:id="@+id/Loginkembali"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignBaseline="@+id/tombologin"
    android:layout_alignBottom="@+id/tombologin"
    android:layout_alignLeft="@+id/pass"
    android:text="kembali" />
```

```
</RelativeLayout>
```

```
<?xml version="1.0" encoding="utf-8"?>
```

```
<RelativeLayout
```

```
xmlns:android="http://schemas.android.com/apk/res/android"
```

```
    android:id="@+id/RelativeLayout1"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/k5"
    android:orientation="vertical" >
```

```
<Button
```

```
    android:id="@+id/tombolubah"
    android:layout_width="wrap_content"
```

```
    android:layout_height="wrap_content"
    android:layout_below="@+id/tombolkirm"
    android:layout_centerHorizontal="true"
    android:layout_marginTop="33dp"
    android:text="ubah" />
```

```
<Button
    android:id="@+id/tombolkirm"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignRight="@+id/tombolubah"
    android:layout_below="@+id/tombolbaca"
    android:layout_marginTop="30dp"
    android:text="kirim" />
```

```
<Button
    android:id="@+id/tombolbaca"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignParentTop="true"
    android:layout_alignRight="@+id/tombolkirm"
    android:layout_marginTop="119dp"
    android:text="baca" />
```

```
</RelativeLayout>
```

```
<?xml version="1.0" encoding="utf-8"?>
<ScrollView
xmlns:android="http://schemas.android.com/apk/res/android"
    android:id="@+id/ScrollView1"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/k5" >

    <RelativeLayout
        android:layout_width="match_parent"
        android:layout_height="446dp" >

        <EditText
            android:id="@+id/nomorpengirim"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_alignParentTop="true"
            android:layout_centerHorizontal="true"
            android:layout_marginTop="72dp"
            android:ems="10"
```

```
        android:inputType="text" />

    <TextView
        android:id="@+id/textView1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignBottom="@+id/nomorpengirim"
        android:layout_alignLeft="@+id/nomorpengirim"
        android:layout_marginBottom="34dp"
        android:text="nomor pengirim"
        android:textAppearance="?android:attr/textAppearanceLarge" />

    <TextView
        android:id="@+id/textView2"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignLeft="@+id/isipesanpengirim"
        android:layout_below="@+id/nomorpengirim"
        android:layout_marginTop="22dp"
        android:text="pesan"
        android:textAppearance="?android:attr/textAppearanceLarge" />

    <EditText
        android:id="@+id/isipesanpengirim"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignLeft="@+id/nomorpengirim"
        android:layout_below="@+id/textView2"
        android:layout_marginTop="14dp"
        android:ems="10" >

        <requestFocus />
    </EditText>

    <Button
        android:id="@+id/tombolkembali"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignRight="@+id/isipesanpengirim"
        android:layout_below="@+id/isipesanpengirim"
        android:layout_marginTop="57dp"
        android:text="kembali" />

</RelativeLayout>

</ScrollView>
```

```

<?xml version="1.0" encoding="utf-8"?>
<ScrollView
xmlns:android="http://schemas.android.com/apk/res/android"
    android:id="@+id/ScrollView1"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/k5"
xmlns:android1="http://schemas.android.com/apk/res/android">

<RelativeLayout
    android1:layout_width="match_parent"
    android1:layout_height="439dp" >

    <TextView
        android1:id="@+id/textView1"
        android1:layout_width="wrap_content"
        android1:layout_height="wrap_content"
        android1:layout_alignLeft="@+id/textView2"
        android1:layout_alignParentTop="true"
        android1:layout_marginTop="43dp"
        android1:text="nomor tujuan"
        android1:textAppearance="?android:attr/textAppearanceLarge"
    />

    <Button
        android1:id="@+id/tombolkembali"
        android1:layout_width="wrap_content"
        android1:layout_height="wrap_content"
        android1:layout_alignParentBottom="true"
        android1:layout_alignParentLeft="true"
        android1:layout_marginLeft="51dp"
        android1:text="kembali" />

    <Button
        android1:id="@+id/tombolkirim"
        android1:layout_width="wrap_content"
        android1:layout_height="wrap_content"
        android1:layout_alignParentBottom="true"
        android1:layout_alignRight="@+id/nomortujuan"
        android1:text="kirim" />

    <EditText
        android1:id="@+id/pesan"
        android1:layout_width="wrap_content"
        android1:layout_height="wrap_content"

```

```

        android1:layout_alignLeft="@+id/tombolKembali"
        android1:layout_below="@+id/textView1"
        android1:layout_marginTop="94dp"
        android1:ems="10"
        android1:inputType="textMultiLine" />

<EditText
    android1:id="@+id/nomortujuan"
    android1:layout_width="wrap_content"
    android1:layout_height="wrap_content"
    android1:layout_alignLeft="@+id/pesan"
    android1:layout_below="@+id/textView1"
    android1:ems="10"
    android1:inputType="number" >

    <requestFocus />
</EditText>

<TextView
    android1:id="@+id/textView2"
    android1:layout_width="wrap_content"
    android1:layout_height="wrap_content"
    android1:layout_alignLeft="@+id/pesan"
    android1:layout_below="@+id/nomortujuan"
    android1:layout_marginTop="32dp"
    android1:text="pesan"
    android1:textAppearance="?android:attr/textAppearanceLarge"
/>

</RelativeLayout>
</ScrollView>

```

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
    xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@drawable/k5" >

    <ScrollView
        android:id="@+id/scrollView1"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content" >

        <RelativeLayout
            android:id="@+id/RelativeLayout1"

```

```
android:layout_width="320dp"  
android:layout_height="467dp"  
android:orientation="vertical" >
```

```
<TextView  
    android:id="@+id/textView1"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_alignParentLeft="true"  
    android:layout_alignParentTop="true"  
    android:layout_marginLeft="46dp"  
    android:layout_marginTop="35dp"  
    android:text="username"
```

```
android:textAppearance="?android:attr/textAppearanceLarge" />
```

```
<EditText  
    android:id="@+id/user"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_alignLeft="@+id/textView1"  
    android:layout_below="@+id/textView1"  
    android:ems="10"  
    android:inputType="textPersonName" />
```

```
<EditText  
    android:id="@+id/pass"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_alignLeft="@+id/textView2"  
    android:layout_below="@+id/textView2"  
    android:ems="10"  
    android:inputType="textPassword" />
```

```
<TextView  
    android:id="@+id/textView2"  
    android:layout_width="wrap_content"  
    android:layout_height="wrap_content"  
    android:layout_alignRight="@+id/textView1"  
    android:layout_below="@+id/user"  
    android:layout_marginTop="16dp"  
    android:text="password"
```

```
android:textAppearance="?android:attr/textAppearanceLarge" />
```

```
<Button
```



```

        android:id="@+id/tombolsimpan"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_alignRight="@+id/ulangi"
        android:layout_below="@+id/ulangi"
        android:layout_marginTop="78dp"
        android:text="simpan" />

<Button
    android:id="@+id/tombolkembali"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignBaseline="@+id/tombolsimpan"
    android:layout_alignBottom="@+id/tombolsimpan"
    android:layout_alignLeft="@+id/ulangi"
    android:text="kembali" />

<EditText
    android:id="@+id/ulangi"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignLeft="@+id/textView3"
    android:layout_below="@+id/textView3"
    android:ems="10"
    android:inputType="textPassword" >

    <requestFocus />
</EditText>

<TextView
    android:id="@+id/textView3"
    android:layout_width="wrap_content"
    android:layout_height="wrap_content"
    android:layout_alignLeft="@+id/pass"
    android:layout_below="@+id/pass"
    android:layout_marginTop="25dp"
    android:text="ulangi"

    android:textAppearance="?android:attr/textAppearanceLarge" />

    </RelativeLayout>
</ScrollView>

</RelativeLayout>

<?xml version="1.0" encoding="utf-8"?>

```

```
<LinearLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:orientation="vertical" >

    <RelativeLayout
        android:id="@+id/RelativeLayout1"
        android:layout_width="match_parent"
        android:layout_height="324dp"
        android:layout_weight="1.32"
        android:background="@drawable/k5" >

        <ListView
            android:id="@+id/listView1"
            android:layout_width="match_parent"
            android:layout_height="wrap_content"
            android:layout_above="@+id/tombollanjut"
            android:layout_alignParentLeft="true"
            android:layout_alignParentTop="true" >

        </ListView>

        <Button
            android:id="@+id/tombollanjut"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_alignBaseline="@+id/button1"
            android:layout_alignBottom="@+id/button1"
            android:layout_alignParentRight="true"
            android:layout_marginRight="40dp"
            android:text="Lanjut" />

        <Button
            android:id="@+id/button1"
            android:layout_width="wrap_content"
            android:layout_height="wrap_content"
            android:layout_alignParentBottom="true"
            android:layout_centerHorizontal="true"
            android:layout_marginBottom="14dp"
            android:text="kembali" />

    </RelativeLayout>

</LinearLayout>
```

```

<?xml version="1.0" encoding="utf-8"?>
<RelativeLayout
xmlns:android="http://schemas.android.com/apk/res/android"
    android:layout_width="match_parent"
    android:layout_height="match_parent"
    android:background="@android:color/holo_blue_light" >

    <TextView
        android:id="@+id/textNomor"
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
        android:layout_alignParentLeft="true"
        android:layout_alignParentTop="true"
        android:layout_toLeftOf="@+id/textView1"
        android:text="TextView"
        android:textAppearance="?android:attr/textAppearanceLarge" />

    <TextView
        android:id="@+id/textIsiPesan"
        android:layout_width="fill_parent"
        android:layout_height="wrap_content"
        android:layout_alignParentLeft="true"
        android:layout_below="@+id/textNomor"
        android:text="TextJarak" />

    <TextView
        android:id="@+id/txtNama"
        android:layout_width="wrap_content"
        android:layout_height="wrap_content"
        android:layout_above="@+id/textIsiPesan"
        android:layout_alignParentRight="true"
        android:layout_alignParentTop="true"
        android:text="TextView" />

</RelativeLayout>

```

## 2. Koding Java

```

package com.telkompolsri.kriptografisms;

import android.R.string;
import android.app.Activity;
import android.content.Intent;
import android.database.sqlite.SQLiteDatabase;
import android.os.Bundle;

```

```

import android.os.CountDownTimer;
import android.view.View;
import android.widget.ImageView;

public class KelasLogo extends Activity {
    ImageView logokripto;
    SQLiteDatabase db;
    KelasDatabase dbUser;
    CountDownTimer timer_splash;
@Override
protected void onCreate(Bundle savedInstanceState) {
    // TODO Auto-generated method stub
    super.onCreate(savedInstanceState);
    setContentView(R.layout.activity_main);
    logokripto = (ImageView) findViewById(R.id.logokripto);
    dbUser=new KelasDatabase(KelasLogo .this);
    db=dbUser.getReadableDatabase();
    //Toast.makeText(this, "masuk 3", Toast.LENGTH_LONG);
    dbUser.buatTable(db);
    timer_splash = new CountDownTimer(3000,1000) {

        @Override
        public void onTick(long millisUntilFinished) {
            // TODO Auto-generated method stub

        }

        @Override
        public void onFinish() {
            // TODO Auto-generated method stub
            if(dbUser.apakahsudahregister(db))
            {
                Intent pindah = new Intent(KelasLogo.this,
KelasLogin .class);
                startActivity(pindah);
            }
            else
            {
                Intent pindah = new Intent(KelasLogo.this,
KelasRegister.class);
                startActivity(pindah);
            }
        }
    };
};

```

```
        timer_splash.start();  
  
    }  
}
```

```
package com.telkompolsri.kriptografisms;  
  
import android.app.Activity;  
import android.content.Intent;  
import android.database.sqlite.SQLiteDatabase;  
import android.os.Bundle;  
import android.view.View;  
import android.widget.Button;  
import android.widget.EditText;  
import android.widget.Toast;  
  
public class KelasRegister extends Activity {  
    EditText user;  
    EditText pass;  
    Button tombolregister;  
    SQLiteDatabase db;  
    KelasDatabase dbUser;  
    @Override  
    protected void onCreate(Bundle savedInstanceState) {  
        // TODO Auto-generated method stub  
        super.onCreate(savedInstanceState);  
        setContentView(R.layout.layar_register);  
        user = (EditText) findViewById(R.id.user);  
        pass = (EditText) findViewById(R.id.pass);  
        tombolregister = (Button) findViewById(R.id.tombolregister);  
        dbUser=new KelasDatabase(KelasRegister.this);  
        db=dbUser.getReadableDatabase();  
        //Toast.makeText(this, "masuk 3", Toast.LENGTH_LONG);  
        //dbUser.buatTable(db);  
  
        tombolregister.setOnClickListener(new View.OnClickListener() {  
  
            @Override  
            public void onClick(View v) {  
                // TODO Auto-generated method stub  
                if (user.getText().toString().length()==0 ||  
pass.getText().toString().length()==0){  
                    Toast.makeText(KelasRegister.this, "Silahkan  
Isi User dan Password", Toast.LENGTH_SHORT).show();  
                }else{
```

```

        dbUser.insertUser(db,
user.getText().toString(), pass.getText().toString());
        Toast.makeText(KelasRegister.this, "REGISTER
BERHASIL", Toast.LENGTH_LONG).show();
        Intent pindah = new
Intent(KelasRegister.this,KelasLogin.class);
        startActivity(pindah);

    }

});
}
}

```

```

package com.telkompolsri.kriptografisms;

import android.app.Activity;
import android.content.Intent;
import android.database.sqlite.SQLiteDatabase;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

public class KelasLogin extends Activity {
    EditText user;
    EditText pass;
    Button tombollogin;
    Button tombolkembali;
    SQLiteDatabase db;
    KelasDatabase dbUser;
    public static String username;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        // TODO Auto-generated method stub
        super.onCreate(savedInstanceState);
        setContentView(R.layout.layar_logo_app);
        user = (EditText) findViewById(R.id.user);
        pass = (EditText) findViewById(R.id.pass);
        tombollogin = (Button) findViewById(R.id.tombollogin );
        tombolkembali = (Button) findViewById(R.id.loginkembali);
        dbUser=new KelasDatabase(KelasLogin.this);
        db=dbUser.getReadableDatabase();
    }
}

```

```

        tombollogin.setOnClickListener(new View.OnClickListener()
{
    @Override
    public void onClick(View v) {
        // TODO Auto-generated method stub

        if (user.getText().toString().length()==0 ||
pass.getText().toString().length()==0){
            Toast.makeText(KelasLogin.this, "Silahkan
Isi User dan Password", Toast.LENGTH_SHORT).show();
        }else{
            if (dbUser.apakahbenaruserdanpass(db,
user.getText().toString(), pass.getText().toString())){
                Toast.makeText(KelasLogin.this,
"LOGIN BERHASIL", Toast.LENGTH_LONG).show();
                username =
user.getText().toString();
                Intent pindah = new
Intent(KelasLogin.this, KelasPilihan.class);
                startActivity(pindah);
            }else{
                Toast.makeText(KelasLogin.this,
"LOGIN GAGAL", Toast.LENGTH_LONG).show();
            }
        }
    }
});
tombolkembali.setOnClickListener(new
View.OnClickListener() {
    @Override
    public void onClick(View v) {
        // TODO Auto-generated method stub
        Intent pindah = new Intent(KelasLogin.this,
KelasLogo.class);
        startActivity(pindah);
    }
});
}
}

```

```

}
package com.telkompolsri.kriptografisms;

import android.content.ContentValues;
import android.content.Context;
import android.database.Cursor;
import android.database.sqlite.SQLiteDatabase;
import android.database.sqlite.SQLiteOpenHelper;
import android.util.Log;
import android.widget.Toast;

public class KelasDatabase extends SQLiteOpenHelper {
    public static String NAMA_DATABASE="database_pengguna";
    public static String KEY_USER= "username";
    public static String KEY_PASSWORD = "password";

    public KelasDatabase(Context context) {
        super(context, NAMA_DATABASE, null, 1);
        // TODO Auto-generated constructor stub
    }

    public void buatTable(SQLiteDatabase db)
    {
        //db.execSQL("DROP TABLE IF EXISTS tabelUser");
        db.execSQL("CREATE TABLE IF NOT EXISTS tabelUser(username
text PRIMARY KEY,password TEXT)");
    }

    public void insertUser(SQLiteDatabase db,String user,String
pass)
    {
        ContentValues cv=new ContentValues();
        cv.put(KEY_USER, user);
        cv.put(KEY_PASSWORD, pass);
        db.insert("tabelUser", KEY_USER , cv);
    }

    public void updateUser(SQLiteDatabase db,String user,String
pass)
    {
        try {
            String query = "update tabelUser set password='" +
pass + "',username='" + user+ "' where
username='"+KelasLogin.username +"'";

```



```

        db.execSQL(query);
        Log.e("query= " , query);
        Log.e("password ubah= " , pass);
        Log.e("username ubah= " , user);
        Log.e("username = " , KelasLogin.username );
    } catch (Exception e) {
        Log.e("update status ",e.getMessage());
        // TODO: handle exception
    }
}

public Boolean apakahsudahregister(SQLiteDatabase db){
    Boolean ada=false;
    Cursor c = db.rawQuery("select * from tabelUser", null);
    if (c.getCount() >0){
        ada = true;
    }
    return ada;
}

public Boolean apakahbenaruserdanpass(SQLiteDatabase db,String
user,String pass){
    Boolean ada=false;
    Cursor c = db.rawQuery("select * from tabelUser where
username='"+user+"' and password='"+pass+"'", null);
    if (c.getCount() >0){
        ada = true;
    }
    return ada;
}

@Override
public void onCreate(SQLiteDatabase db) {
    // TODO Auto-generated method stub
}

@Override
public void onUpgrade(SQLiteDatabase db, int oldVersion, int
newVersion) {
    // TODO Auto-generated method stub
}
}

```

```

package com.telkompolsri.kriptografisms;

import android.app.Activity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;

public class KelasPilihan extends Activity {
    Button baca;
    Button kirim;
    Button ubah;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        // TODO Auto-generated method stub
        super.onCreate(savedInstanceState);
        setContentView(R.layout.layar_pilihan);
        baca = (Button) findViewById(R.id.tombolbaca);
        kirim = (Button) findViewById(R.id.tombolkirm);
        ubah = (Button) findViewById(R.id.tombolubah);

        baca.setOnClickListener(new View.OnClickListener() {

            @Override
            public void onClick(View v) {
                // TODO Auto-generated method stub
                Intent pindah = new Intent(KelasPilihan.this,
KelasEnkripsi.class);
                startActivity(pindah);
            }
        });
        kirim.setOnClickListener(new View.OnClickListener() {

            @Override
            public void onClick(View v) {
                // TODO Auto-generated method stub
                Intent pindah = new Intent(KelasPilihan.this,
KelasKirimPesan.class);
                startActivity(pindah);
            }
        });

        ubah.setOnClickListener(new View.OnClickListener() {

```

```

        @Override
        public void onClick(View v) {
            // TODO Auto-generated method stub
            Intent pindah = new Intent(KelasPilihan.this,
KelasUbah.class);
            startActivity(pindah);
        }
    });
}
}
}

```

```

package com.telkompolsri.kriptografisms;

import android.app.Activity;
import android.content.Intent;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;

public class KelasBacaPesan extends Activity {
    EditText pengirim;
    EditText pesan;
    Button tombolkembali;
    public static String NoHp;
    public static String Isi_pesan;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        // TODO Auto-generated method stub
        super.onCreate(savedInstanceState);
        setContentView(R.layout.layar_enkripsi);
        pengirim = (EditText) findViewById(R.id.nomorpengirim);
        pesan = (EditText) findViewById(R.id.isipesanpengirim);
        tombolkembali = (Button) findViewById(R.id.tombolkembali
);

        pengirim.setText(NoHp);
        /*
        char[] pecahkarakter = Isi_pesan.toCharArray();
        for (int i =0;i<pecahkarakter.length;i++){
            pecahkarakter[i] = (char)((int)pecahkarakter[i] -
7);
        }
        */
    }
}

```

```

        String pesan_asli = dekripsi ("polsri",Isi_pesan);
        pesan.setText(pesan_asli);
        tombolkembali.setOnClickListener(new
View.OnClickListener() {

            @Override
            public void onClick(View v) {
                // TODO Auto-generated method stub
                Intent pindah = new Intent(KelasBacaPesan.this,
KelasEnkripsi.class);
                startActivity(pindah);
            }
        });
    }
    public String dekripsi(String keyword, String line) {
        String result = "";
        int offset;
        int j = 0, shift;
        for (int i = 0; i < line.length(); i++) {
            shift = ((int) keyword.charAt(j)) - 97;
            j++;
            j %= keyword.length();
            offset = ((int) line.charAt(i) - shift) % 256;
            if (offset < 0) {
                offset += 26;
            }
            result += (char) (offset);
        }
        return result;
    }
}
}

```

```

package com.telkompolsri.kriptografisms;

```

```

import java.io.Console;

```

```

import android.app.Activity;

```

```

import android.content.Intent;

```

```

import android.os.Bundle;

```

```

import android.telephony.SmsManager;

```

```

import android.util.Log;

```

```

import android.view.View;

```

```

import android.widget.Button;

```

```

import android.widget.EditText;

```

```

import android.widget.Toast;

```

```

public class KelasKirimPesan extends Activity {
    EditText Tujuan;
    EditText Pesan;
    Button TombolKembali;
    Button TombolKirim;
    @Override
        protected void onCreate(Bundle savedInstanceState) {
            // TODO Auto-generated method stub
            super.onCreate(savedInstanceState);
            setContentView(R.layout.layar_kirim);
            Tujuan = (EditText) findViewById(R.id.nomortujuan );
            Pesan = (EditText) findViewById(R.id.pesan);
            TombolKembali = (Button) findViewById(R.id.tombolkembali
);
            TombolKirim = (Button) findViewById(R.id.tombolkirim );

            TombolKembali.setOnClickListener(new
View.OnClickListener() {

                @Override
                public void onClick(View v) {
                    // TODO Auto-generated method stub
                    Intent pindah = new
Intent(KelasKirimPesan.this, KelasPilihan.class);
                    startActivity(pindah);
                }
            });

            TombolKirim.setOnClickListener(new View.OnClickListener()
{

                @Override
                public void onClick(View v) {
                    // TODO Auto-generated method stub
                    String noHp = Tujuan.getText().toString();
                    String pesan= Pesan.getText().toString();
                    if(noHp.length()==0 || pesan.length()==0){
                        Toast.makeText(KelasKirimPesan.this,
"Silahkan Isi Data", Toast.LENGTH_LONG).show();
                    }else{
                        /*
                        char[] perkarakter = pesan.toCharArray();
                        for (int i = 0 ; i <perkarakter.length ;
i++){

```

```

((int)perkarakter[i] + 7);
perkarakter[i] = (char)
Log.e(""+i," " +perkarakter[i] + "
" +(int)perkarakter[i] );
}
pesan = new String(perkarakter);
//pesan = perkarakter.toString();
Log.e("",pesan);
*/
pesan=enkripsi ("polsri", pesan);
sendSMS(noHp, pesan);
Intent pindah = new
Intent(KelasKirimPesan.this, KelasPilihan.class);
startActivity(pindah);
finish();
}
}
});
}

public String enkripsi(String keyword, String line) {
String result = "";
int offset;
int j = 0, shift;
for (int i = 0; i < line.length(); i++) {
shift = ((int) keyword.charAt(j)) - 97;
j++;
j %= keyword.length();
offset = ((int) line.charAt(i) + shift) % 256;
result += (char) (offset);
}
return result;
}

protected void sendSMS(String noHP,String Pesan) {
try {
SmsManager smsManager = SmsManager.getDefault();
smsManager.sendTextMessage(noHP, null, Pesan, null, null);
Toast.makeText(getApplicationContext(), "SMS Berhasil
Terkirim.",
Toast.LENGTH_LONG).show();
} catch (Exception e) {
Toast.makeText(getApplicationContext(),
"SMS Gagal Terkirim.",

```

```
        Toast.LENGTH_LONG).show();
        e.printStackTrace();
    }
}
}
```

```
package com.telkompolsri.kriptografisms;

import android.app.Activity;
import android.content.Intent;
import android.database.sqlite.SQLiteDatabase;
import android.os.Bundle;
import android.view.View;
import android.widget.Button;
import android.widget.EditText;
import android.widget.Toast;

public class KelasUbah extends Activity {
    EditText user;
    EditText pass;
    EditText ulangi;
    Button tombolkembali;
    Button tombolsimpan;

    SQLiteDatabase db;
    KelasDatabase dbUser;
    @Override
    protected void onCreate(Bundle savedInstanceState) {
        // TODO Auto-generated method stub
        super.onCreate(savedInstanceState);
        setContentView(R.layout.layar_ubah);
        user = (EditText) findViewById(R.id.user);
        pass = (EditText) findViewById(R.id.pass);
        ulangi = (EditText) findViewById(R.id.ulangi);
        tombolkembali = (Button) findViewById(R.id.tombolkembali);
        tombolsimpan = (Button) findViewById(R.id.tombolsimpan);

        dbUser=new KelasDatabase(KelasUbah.this);
        db=dbUser.getWritableDatabase();

        tombolkembali.setOnClickListener(new View.OnClickListener() {

            @Override
            public void onClick(View v) {
```

```

        // TODO Auto-generated method stub
        Intent pindah = new Intent(KelasUbah.this,
KelasPilihan.class);
        startActivity(pindah);
    }
});

    tombolsimpan.setOnClickListener(new View.OnClickListener() {

        @Override
        public void onClick(View v) {
            // TODO Auto-generated method stub
            if (user.getText().toString().length()==0 ||
pass.getText().toString().length()==0 ||
ulang.getText().toString().length()==0){
                Toast.makeText(KelasUbah.this, "Harap Mengisi
Seluruh Kolom Isian", Toast.LENGTH_SHORT).show();
            }else{
                if
(pass.getText().toString().equals(ulang.getText().toString())){
                    dbUser.updateUser(db,
user.getText().toString(), pass.getText().toString());
                    Toast.makeText(KelasUbah.this, "Ubah Data
BERHASIL", Toast.LENGTH_LONG).show();
                    Intent pindah = new Intent(KelasUbah.this,
KelasLogin.class);
                    startActivity(pindah);
                }else{
                    Toast.makeText(KelasUbah.this, "Ubah Data
GAGAL , PASSWORD TIDAK SAMA", Toast.LENGTH_LONG).show();
                    ulang.setText("");
                }
            }
        }
    });
}
}

```

```

package com.telkompolsri.kriptografisms;

```

```

import java.sql.Date;
import java.text.SimpleDateFormat;

```



```

import java.util.ArrayList;
import java.util.HashMap;

import android.app.Activity;
import android.content.ContentResolver;
import android.content.Context;
import android.content.Intent;
import android.database.Cursor;
import android.net.Uri;
import android.os.Bundle;
import android.provider.ContactsContract.PhoneLookup;
import android.util.Log;
import android.view.View;
import android.widget.AdapterView;
import android.widget.AdapterView.OnItemClickListener;
import android.widget.ArrayAdapter;
import android.widget.Button;
import android.widget.ListAdapter;
import android.widget.ListView;
import android.widget.SimpleAdapter;
import android.widget.Toast;

public class KelasEnkripsi extends Activity {
    Button tombolanjut;
    Button tombolkembali;
    ListView listPesan;
    ArrayAdapter arrayAdapter;
    ListViewAdaptor lvAdaptor;
    ArrayList<String> smsMessagesList = new ArrayList<String>();
    String[] nomor;
    String[] pesan;
    String kode, pilihan;
    int bantuan;
    Boolean status;
    ArrayList<HashMap<String, String>> dataPesan=new
ArrayList<HashMap<String,String>>();

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        // TODO Auto-generated method stub
        super.onCreate(savedInstanceState);
        setContentView(R.layout.layar_pesanan);
        tombolanjut = (Button) findViewById(R.id.tombollanjut);
        tombolanjut.setVisibility(View.INVISIBLE);
        tombolkembali = (Button) findViewById(R.id.button1);
        listPesan = (ListView)findViewById(R.id.listView1);
    }
}

```

```

        //arrayAdapter = new ArrayAdapter<String>(this,
android.R.layout.simple_list_item_1, smsMessagesList);
        //listPesan.setAdapter(arrayAdapter);
        //listPesan.setOnItemClickListener(this);

        refreshSmsInbox();

        tombollanjut.setOnClickListener(new View.OnClickListener()
{
            @Override
            public void onClick(View v) {
                // TODO Auto-generated method stub
                Intent pindah = new Intent(KelasEnkripsi.this,
KelasBacaPesan.class);
                startActivity(pindah);
            }
        });

        tombolkembali.setOnClickListener(new
View.OnClickListener() {
            @Override
            public void onClick(View v) {
                // TODO Auto-generated method stub
                Intent pindah = new Intent(KelasEnkripsi.this,
KelasPilihan.class);
                startActivity(pindah);
            }
        });

        listPesan.setOnItemClickListener(new OnItemClickListener()
{
            @Override
            public void onItemClick(AdapterView<?> arg0, View
view, int position,
                long id) {
                // TODO Auto-generated method stub
                for(int i=0;i<dataPesan.size();i++)
                {
                    if(position==i)
                    {

```

```

HashMap<String, String>
pecahData=dataPesan.get(i);
pecahData.get("NOSMS");
pesansms=pecahData.get("PESANSMS");
Log.e("nomor",nomorsms);
Log.e("pesan",pesansms);
KelasBacaPesan.NoHp = nomorsms;
KelasBacaPesan.Isi_pesan= pesansms;

Intent pindah = new
Intent(KelasEnkripsi.this, KelasBacaPesan.class);
startActivity(pindah);
finish();

    }
}
});
}

public void refreshSmsInbox() {
    ContentResolver contentResolver = getContentResolver();
    Cursor c=
contentResolver.query(Uri.parse("content://sms/inbox"), null, null,
null, null);

    if(c.getCount()!=0)
    {
        nomor = new String[c.getCount()];
        pesan = new String[c.getCount()];
        if(c.moveToFirst())
        {
            bantuan = 0;
            do
            {
                int indexBody = c.getColumnIndex("body");
                int indexAddress =
c.getColumnIndex("address");
                //int indexPerson =
c.getColumnIndex("person");
                String nomorsms=c.getString(indexAddress );
                String pesansms=c.getString(indexBody);
                String namapengirim = getContactName(this,

```

```

nomorsms);

    //Log.e("pengirim",c.getString(indexPerson));
        //getContactName(this, nomorsms);
        nomor[bantuan] = nomorsms;
        pesan[bantuan]= pesansms;
        HashMap<String, String> data=new
HashMap<String, String>();
        data.put("NOSMS", nomorsms);
        data.put("PESANSMS", pesansms);
        data.put("PENGIRIMSMS", namapengirim);

        dataPesan.add(data);
        bantuan++;
        if (bantuan>10){
            break;
        }
        //place[bantuan]=nama;
        //lvAdapter = new ListViewAdapter(this,
place, address);
        }while(c.moveToNext());

        //String[] from = {"PENGIRIMSMS" , "PESANSMS"};
        //int[] to =
{R.id.textNomor,R.id.textIsiPesan};

        String[] from = {"NOSMS" ,
"PESANSMS","PENGIRIMSMS"};
        int[] to =
{R.id.textNomor,R.id.textIsiPesan,R.id.txtNama};

        //lstPilihTempat.setAdapter(lvAdapter);
        //ListAdapter adapter=new
SimpleAdapter(PilihTempatPempek.this, dataMap, R.layout.row_list, new
String[]{DatabaseMap.KEY_NAMA_LOKASI}, new int[]{R.id.textJudul});
        ListAdapter adapter=new
SimpleAdapter(KelasEnkripsi.this, dataPesan, R.layout.row_list, from,
to);

        listPesan.setAdapter(adapter);
    }
}

}

public static String getContactName(Context context, String

```

```

phoneNumber) {
    ContentResolver cr = context.getContentResolver();
    Uri uri =
Uri.withAppendedPath(PhoneLookup.CONTENT_FILTER_URI,
Uri.encode(phoneNumber));
    Cursor cursor = cr.query(uri, new
String[]{PhoneLookup.DISPLAY_NAME}, null, null, null);
    if (cursor == null) {
        return null;
    }
    String contactName = null;
    if(cursor.moveToFirst()) {
        contactName =
cursor.getString(cursor.getColumnIndex(PhoneLookup.DISPLAY_NAME));
        //Log.e("pengirim",contactName);
    }

    if(cursor != null && !cursor.isClosed()) {
        cursor.close();
    }

    return contactName;
}

public void updateList(final String smsMessage) {
    arrayAdapter.insert(smsMessage, 0);
    arrayAdapter.notifyDataSetChanged();
}

public void onItemClick(AdapterView<?> parent, View view, int
pos, long id) {
    try {
        String[] smsMessages =
smsMessagesList.get(pos).split("\n");
        String address = smsMessages[0];
        String smsMessage = "";
        for (int i = 1; i < smsMessages.length; ++i) {
            smsMessage += smsMessages[i];
        }

        String smsMessageStr = address + "\n";
        smsMessageStr += smsMessage;
        Toast.makeText(this, smsMessageStr,
Toast.LENGTH_SHORT).show();
    } catch (Exception e) {
        e.printStackTrace();
    }
}

```

```
    }  
  }  
}
```

Kelas List view adaptor

```
package com.telkompolsri.kriptografisms;
```

```
import android.app.Activity;  
import android.view.LayoutInflater;  
import android.view.View;  
import android.view.ViewGroup;  
import android.widget.BaseAdapter;  
import android.widget.TextView;
```

```
public class ListViewAdaptor extends BaseAdapter {  
    Activity context;  
    String nomor[];  
    String pesan[];  
  
    public ListViewAdaptor(Activity context, String[] nomor,  
String[] pesan) {  
        super();  
        this.context = context;  
        this.nomor = nomor;  
        this.pesan = pesan;  
    }  
  
    public int getCount() {  
        // TODO Auto-generated method stub  
        return nomor.length;  
    }  
  
    public Object getItem(int position) {  
        // TODO Auto-generated method stub  
        return null;  
    }  
  
    public long getItemId(int position) {  
        // TODO Auto-generated method stub  
        return 0;  
    }  
  
    private class ViewHolder {  
        TextView txtNomor;  
        TextView txtIsiPesan;  
    }  
}
```

```

    public View getView(int position, View convertView, ViewGroup
parent)
    {
        // TODO Auto-generated method stub
        ViewHolder holder;
        LayoutInflater inflater = context.getLayoutInflater();

        if (convertView == null)
        {
            convertView = inflater.inflate(R.layout.row_list,
null);

            holder = new ViewHolder();
            holder.txtNomor = (TextView)
convertView.findViewById(R.id.textNomor);
            holder.txtIsiPesan = (TextView)
convertView.findViewById(R.id.textIsiPesan);
            convertView.setTag(holder);
        }
        else
        {
            holder = (ViewHolder) convertView.getTag();
        }

        holder.txtNomor.setText(nomor[position]);
        holder.txtIsiPesan.setText(pesan[position]);

        return convertView;
    }
}

```

### 3. Koding Manifest

```

<?xml version="1.0" encoding="utf-8"?>
<manifest
xmlns:android="http://schemas.android.com/apk/res/android"
package="com.telkompolsri.kriptografisms"
android:versionCode="1"
android:versionName="1.0" >

<uses-sdk
    android:minSdkVersion="15"
    android:targetSdkVersion="17" />

```

```

        <uses-permission
android:name="android.permission.WRITE_SMS" />
        <uses-permission android:name="android.permission.READ_SMS"
/>
        <uses-permission
android:name="android.permission.RECEIVE_SMS" />
        <uses-permission android:name="android.permission.SEND_SMS"
/>
        <uses-permission
android:name="android.permission.READ_CONTACTS"/>
        <application
            android:allowBackup="true"
            android:icon="@drawable/ic_launcher"
            android:label="@string/app_name"
            android:theme="@style/AppTheme" >
            <activity

android:name="com.telkomsri.kriptografisms.KelasLogo"
                android:label="@string/app_name" >
                <intent-filter>
                    <action
android:name="android.intent.action.MAIN" />

                    <category
android:name="android.intent.category.LAUNCHER" />
                </intent-filter>
            </activity>
            <activity android:name=".KelasBacaPesan"></activity>
            <activity android:name=".KelasEnkripsi"></activity>
            <activity android:name=".KelasKirimPesan"></activity>
            <activity android:name=".KelasLogin"></activity>

            <activity android:name=".KelasPilihan"></activity>
            <activity android:name=".KelasRegister"></activity>
            <activity android:name=".KelasUbah"></activity>

        </application>

</manifest>

```