

**L  
A  
M  
P  
I  
R  
A  
N**

```
$regfile = "m8535.dat"
```

```
$crystal = 8000000
```

```
Config Lcdpin = Pin , Db4 = Portd.4 , Db5 = Portd.5 , Db6 = Portd.6 , Db7 = Portd.7 , E =  
Portd.2 , Rs = Portd.0
```

```
Config Lcd = 16 * 2
```

```
Config Porta = Input
```

```
Config Portb = Output
```

```
Sensor_ir Alias Pina.0
```

```
Pir Alias Pina.1
```

```
Lampu_kamar_mandi Alias Portb.0
```

```
Exhaustfan Alias Portb.2
```

```
Lampu_lemari Alias Portb.1
```

```
Porta = &HFF
```

```
Portd = &H00
```

```
Cls
```

```
Aktif:
```

```
Do
```

```
If Pir = 1 Then
```

```
    Lampu_kamar_mandi = 1
```

```
    Exhaustfan = 1
```

```
Locate 1 , 1
```

```
Lcd "PIR ON:"
```

End If

If Pir = 0 Then

Lampu\_kamar\_mandi = 0

Exhaustfan = 0

Locate 1 , 1

Lcd "PIR OF:"

End If

If Sensor\_ir = 1 Then

Lampu\_lemari = 1

Waitms 200

Locate 2 , 1

Lcd "IR ON:"

End If

If Sensor\_ir = 0 Then

Lampu\_lemari = 0

Locate 2 , 1

Lcd "IR OF:"

End If

Loop