

LAMPIRAN

- **Arduino IDE**

```
#include <LiquidCrystal.h>
```

```
#include <LiquidCrystal_I2C.h>
```

```
#include <ArduinoWiFiServer.h>
```

```
#include <BearSSLHelpers.h>
```

```
#include <CertStoreBearSSL.h>
```

```
#include <ESP8266WiFi.h>
```

```
#include <ESP8266WiFiAP.h>
```

```
#include <ESP8266WiFiGeneric.h>
```

```
#include <ESP8266WiFiGratuitous.h>
```

```
#include <ESP8266WiFiMulti.h>
```

```
#include <ESP8266WiFiScan.h>
```

```
#include <ESP8266WiFiSTA.h>
```

```
#include <ESP8266WiFiType.h>
```

```
#include <WiFiClient.h>
```

```
#include <WiFiClientSecure.h>
```

```
#include <WiFiClientSecureBearSSL.h>
```

```
#include <WiFiServer.h>
```

```
#include <WiFiServerSecure.h>
```

```
#include <WiFiServerSecureBearSSL.h>
```

```
#include <WiFiUdp.h>
```

```
#include <ESP8266WiFi.h>
```

```
#include <ESP8266HTTPClient.h>
```

```
#include <Adafruit_Fingerprint.h>
```

```
#include <SoftwareSerial.h>
```

```
#include <ArduinoJson.h>
```

```
#include <LiquidCrystal_I2C.h>
```

```
#include <Wire.h>
```

```
//===== User Konfig
=====
```

```
LiquidCrystal_I2C lcd(0x27, 16, 2); //0x27 adalah alamat IIC, ganti sesuai
address IIC yang didapat biasanya 0x27 atau 0x3F
```

```
const char* ssid = "TopHome2"; // Nama Wifi
```

```
const char* password = "lantaiatas"; // Password Wifi
```

```
String url_server = "http://192.168.1.13"; // IP address atau Domain server
tanpa https(SSL)
```

```
int maxCount = 200; // nilai untuk pengecekan mode enroll. disarankan untuk
tidak mengganti.
```

```
//===== END KONFIG
=====
```

```
SoftwareSerial mySerial(13, 12);
```

```
int count = 1;
```

```
boolean cek = false;
```

```
int fingerprintID = 0;
```

```
Adafruit_Fingerprint finger = Adafruit_Fingerprint(&mySerial);
```

```
uint8_t id;
```

```
HTTPClient http;
```

```
String message;
```

```
void setup()
```

```
{
```

```
  Serial.begin(9600);
```

```
  Wire.begin(D3, D4); // PIN (SDA, SCL)
```

```
  lcd.begin();
```

```
  lcd.setCursor(6, 0);
```

```
  lcd.print("FPM");
```

```
lcd.setCursor(4, 1);
lcd.print("PRESENSI");
while (!Serial);
delay(100);
Serial.println("\n\nAdafruit Fingerprint sensor enrollment");

finger.begin(57600);

if (finger.verifyPassword()) {

} else {
  lcd.clear();
  lcd.print("FPM ERROR");
  while (1) {
    delay(1);
  }
}
connectWifi();
}

uint8_t readnumber(void) {
  uint8_t num = 0;
  while (num == 0) {
    while (!Serial.available());
    num = Serial.parseInt();
  }
  return num;
}

void loop()
{
  if (WiFi.status() == WL_CONNECTED) {
```

```

lcd.setCursor(1, 0);
lcd.print("TEMPELKAN JARI");
lcd.setCursor(2, 1);
lcd.print("PADA SENSOR");
count += 1;
if (count <= maxCount && cek == false) {
      fingerprintID = getFingerprintIDez();
  } else {
      http.end();
      delay(50);
      cek = true;
  }

if (cek) {
      http.begin(url_server + "/absensi/konfig/prosesdaftar/kontroler.php");
      http.addHeader("Content-Type", "application/x-www-form-ur
  lencoded");
      int httpCode = http.POST("key=x124sr3sQQ2d");
      delay(100);
      if (httpCode > 0) {
        String payload = http.getString();
        Serial.println(payload);
        char json[500];
        payload.replace(" ", "");
        payload.replace("\n", "");
        payload.trim();
        payload.toCharArray(json, 500);
        StaticJsonDocument<200> doc;
        deserializeJson(doc, json);
        int response = doc["status"];
        int id_daftar = doc["id"];
        if (response == 1) {
          Serial.println("Tidak ada ID");
        }
      }
  }

```

```
    } else if (response == 0) {
        id = id_daftar;
        if (id == 0) {
            return;
        } else {
            http.end();
            daftar();
        }
    }
}
cek = false;
count = 0;
}
} else {
    connectWifi();
}
}

void connectWifi() {
    lcd.clear();
    lcd.setCursor(0, 0);
    lcd.print("STATUS KONEKSI :");
    WiFi.begin(ssid, password);
    while (WiFi.status() != WL_CONNECTED) {
        lcd.setCursor(0, 1);
        lcd.print("Connecting...");
        delay(500);
        lcd.setCursor(0, 1);
        lcd.print("          ");
    }
    lcd.clear();
    lcd.setCursor(4, 0);
```

```
lcd.print("CONNECTED");
lcd.setCursor(0, 1);
lcd.print(WiFi.localIP());
delay(4000);
lcd.clear();
}

void daftar() {
  lcd.clear();
  lcd.setCursor(0, 0);
  lcd.print("ID BARU : ");
  lcd.print(id);
  while (!getFingerprintEnroll());
}

uint8_t getFingerprintEnroll() {
  int p = -1;
  Serial.print("Waiting for valid finger to enroll as #");
  Serial.println(id);
  while (p != FINGERPRINT_OK) {
    p = finger.getImage();
    switch (p) {
      case FINGERPRINT_OK:
        Serial.println("Image taken");
        break;
      case FINGERPRINT_NOFINGER:
        lcd.setCursor(0, 1);
        lcd.print("SCAN SIDIK JARI");
        Serial.println(".");
        break;
      case FINGERPRINT_PACKETRECEIVEERR:
        Serial.println("Communication error");
```

```
        break;
    case FINGERPRINT_IMAGEFAIL:
        Serial.println("Imaging error");
        break;
    default:
        Serial.println("Unknown error");
        break;
    }
}

p = finger.image2Tz(1);
switch (p) {
    case FINGERPRINT_OK:
        Serial.println("Image converted");
        break;
    case FINGERPRINT_IMAGEMESS:
        Serial.println("Image too messy");
        return p;
    case FINGERPRINT_PACKETRECEIVEERR:
        Serial.println("Communication error");
        return p;
    case FINGERPRINT_FEATUREFAIL:
        Serial.println("Could not find fingerprint features");
        return p;
    case FINGERPRINT_INVALIDIMAGE:
        Serial.println("Could not find fingerprint features");
        return p;
    default:
        Serial.println("Unknown error");
        return p;
}
```



```
lcd.setCursor(0, 1);
lcd.print("ANGKAT JARI  ");
delay(2000);

p = 0;
while (p != FINGERPRINT_NOFINGER) {
  p = finger.getImage();
}

Serial.print("ID ");
Serial.println(id);
p = -1;
while (p != FINGERPRINT_OK) {
  p = finger.getImage();
  switch (p) {
    case FINGERPRINT_OK:
      lcd.setCursor(0, 1);
      lcd.print("TEMPLATE DIBACA");
      Serial.println("Image taken");
      break;
    case FINGERPRINT_NOFINGER:
      Serial.print(".");
      lcd.setCursor(0, 1);
      lcd.print("ULANGI SCAN JARI");
      break;
    case FINGERPRINT_PACKETRECEIVEERR:
      Serial.println("Komunikasi Error");
      break;
    case FINGERPRINT_IMAGEFAIL:
      Serial.println("Template Error");
      break;
    default:
```

```
        Serial.println("Unknown error");
        break;
    }
}

p = finger.image2Tz(2);
switch (p) {
    case FINGERPRINT_OK:
        Serial.println("Image converted");
        break;
    case FINGERPRINT_IMAGEMESS:
        Serial.println("Image too messy");
        return p;
    case FINGERPRINT_PACKETRECEIVEERR:
        Serial.println("Communication error");
        return p;
    case FINGERPRINT_FEATUREFAIL:
        Serial.println("Could not find fingerprint features");
        return p;
    case FINGERPRINT_INVALIDIMAGE:
        Serial.println("Could not find fingerprint features");
        return p;
    default:
        Serial.println("Unknown error");
        return p;
}

Serial.print("Creating model for #");
Serial.println(id);
p = finger.createModel();
if (p == FINGERPRINT_OK) {
    lcd.setCursor(0, 1);
```

```

    lcd.print("JARI SESUAI  ");
    Serial.println("Prints matched!");
} else if (p == FINGERPRINT_PACKETRECEIVEERR) {
    Serial.println("Komunikasi Error");
    return p;
} else if (p == FINGERPRINT_ENROLLMISMATCH) {
    Serial.println("Jari Tidak Cocok");
    lcd.setCursor(0, 1);
    lcd.print("JARI TIDAK COCOK");
    message = "NotFound";
    return p;
} else {
    Serial.println("Unknown error");
    return p;
}

```

```

Serial.print("ID ");
Serial.println(id);
p = finger.storeModel(id);
if (p == FINGERPRINT_OK) {
    lcd.setCursor(0, 1);
    lcd.print("MENYIMPAN DATA..");
    Serial.println("Berhasil Menyimpan ID");
    delay(1000);
    message = "Sukses";
} else if (p == FINGERPRINT_PACKETRECEIVEERR) {
    message = "Komunikasi Error";
    Serial.println("Kumunikasi Error");
    return p;
} else if (p == FINGERPRINT_BADLOCATION) {
    message = "Gagal Menyimpan";
    Serial.println("Gagal Menyimpan");
}

```

```

    return p;
} else if (p == FINGERPRINT_FLASHERR) {
    message = "Flash Gagal";
    Serial.println("");
    return p;
} else {
    Serial.println("Unknown");
    return p;
}

Serial.println("AKSES URL");
http.begin(url_server + "/absensi/konfig/prosesdaftar/daftar.php");
http.addHeader("Content-Type", "application/x-www-form-urlencoded");
int httpCode = http.POST("id=kontroler&parameter=" + message);
delay(100);
if (httpCode > 0) {
    String payload = http.getString();
    lcd.setCursor(0, 1);
    lcd.print("SUKSES MENYIMPAN");
    Serial.println(payload);
} else {
    lcd.clear();
    lcd.print("ERROR : ");
    lcd.print(httpCode);
}
http.end();
delay(1000);
lcd.clear();
}

int getFingerprintIDez() {
    uint8_t p = finger.getImage();

```

```
if (p != FINGERPRINT_OK) return -1;
```

```
p = finger.image2Tz();
```

```
if (p != FINGERPRINT_OK) return -1;
```

```
p = finger.fingerFastSearch();
```

```
if (p != FINGERPRINT_OK) return -1;
```

```
Serial.print("Found ID #");
```

```
Serial.print(finger.fingerID);
```

```
Serial.print(" with confidence of ");
```

```
Serial.println(finger.confidence);
```

```
absen();
```

```
return finger.fingerID;
```

```
}
```

```
void absen() {
```

```
  http.end();
```

```
  lcd.clear();
```

```
  lcd.setCursor(0, 0);
```

```
  lcd.print("ID : ");
```

```
  lcd.print(String(finger.fingerID));
```

```
  lcd.setCursor(0, 1);
```

```
  lcd.print("PROSES PRESENSI");
```

```
  delay(300);
```

```
  lcd.setCursor(0, 1);
```

```
  lcd.print("ANGKAT JARI  ");
```

```
  http.begin(url_server + "/absensi/konfig/absen.php");
```

```
  http.addHeader("Content-Type", "application/x-www-form-urlencoded");
```

```
  delay(100);
```

```
  int httpCode = http.POST("id=" + String(finger.fingerID));
```

```
  delay(300);
```

```

if (httpCode > 0) {
  String payload = http.getString();
  lcd.setCursor(0, 1);
  Serial.print("Response = ");
  lcd.print(payload);
  lcd.print(" ");
  Serial.println(payload);
} else {
  lcd.clear();
  lcd.setCursor(0, 0);
  lcd.print("COBA LAGI....!");
  lcd.setCursor(0, 1);
  lcd.print("Error : ");
  lcd.print(httpCode);
}
http.end();
count = 0;
delay(1000);
lcd.clear();
}

```

- **Codingan Website**

```

<?php
if (isset($_SESSION['page'])) {
} else {
  header("location: ../index.php?page=dashboard&error=true");
}
if (isset($_POST['bulan'])) {
  $pencarian = $_POST['bulan'];
  $bulan = date('m', strtotime($pencarian));
  $tahun = date('Y', strtotime($pencarian));

```

```

$hasil = jumlah_hari($bulan, $tahun);
$stampil_date = date('F', strtotime($pencarian));
} else {
$bulan = date('m');
$tahun = date('Y');
$hasil = jumlah_hari($bulan, $tahun);
$stampil_date = date('F');
}

?>
<div class="content-header ml-3 mr-3">
  <div class="container-fluid">
    <div class="row mb-2">
      <div class="col-sm-6">
        <h1 class="m-0 text-dark">DATA PRESENSI BULANAN</h1>
      </div><!-- /.col -->
      <div class="col-sm-6">
        <ol class="breadcrumb float-sm-right">
          <li class="breadcrumb-item"><a
href="index.php?page=dashboard">Dashboard</a></li>
          <li class="breadcrumb-item active">Data Presensi / Bulanan</li>
        </ol>
      </div><!-- /.col -->
    </div><!-- /.row -->
  </div><!-- /.container-fluid -->
</div>

<section class="content ml-3 mr-3">
  <div class="content">
    <div class="container-fluid">

      <div class="row bg-secondary mt-2 pt-2 pb-3 mb-4">
        <div class="col-md-4 pt-3" style="height: -50px;">

```

```

        <form method="POST">
            <input required placeholder="yyyy-mm" type="text"
class="form-control bulan" name="bulan" autocomplete="off">
        </div>
        <div class="col-md-4 pt-3">
            <button type="submit" class="btn btn-info"><i class="fas fa-
search mr-1"></i>Cari</button>
            <button id="button-a" type="button" class="btn btn-success ml-
2"><i class="far fa-file-excel mr-1"></i>Export</button>
            <!--
            <button type="button" class="btn btn-primary ml-2"
onclick="printDiv()"><i class="fas fa-print mr-1"></i>Cetak</button>
            -->
            <button type="button" class="btn btn-primary ml-2"
onclick="printContent('table-bulanan')"><i class="fas fa-print mr-
1"></i>Cetak</button>
        </form>
    </div>
    <div class="col-md-4 pt-3 pr-5" style="font-size:18px; text-align:
right;">
        <?php echo $stampil_date . " " . $tahun; ?>
    </div>
</div>

<div class="table-responsive mt-2" id="table-bulanan">
    <table class="table table-bordered dt-responsive nowrap"
style="width: 100%;">
        <thead class="text-center">
            <tr>
                <th rowspan="2" bgcolor="#F3F3F3" scope="col">Nama</th>
                <th rowspan="2" bgcolor="#F3F3F3" scope="col">ID</th>
                <th colspan="4"><?php echo $hasil; ?></th>
                <th colspan="6" bgcolor="#F3F3F3" scope="col">Jumlah
Kehadiran</th>
            </tr>
            <tr>
                <th colspan="6" scope="col">Daftar Presensi Bulan <?php echo $stampil_date . " " . $tahun; ?>
            </tr>
        </thead>
    </table>

```



```

</tr>
<?php
for ($i = 1; $i <= $hasil; $i++) {

    $index = $i;
?>
    <th scope="col" bgcolor="#F3F3F3"><?php echo $i; ?></th>
<?php

}
?>
<th bgcolor="#F3F3F3" scope="col">A</th>
<th bgcolor="#F3F3F3" scope="col">B</th>
<th bgcolor="#F3F3F3" scope="col">T</th>
<th bgcolor="#F3F3F3" scope="col">S</th>
<th bgcolor="#F3F3F3" scope="col">I</th>
<th bgcolor="#F3F3F3" scope="col">H</th>
</thead>

<tbody>
<?php
$date = date('d');
$hari_libur = 0;
$alpa = $hasil;
$sql = mysqli_query($dbconnect, "SELECT * FROM tb_id");
while ($row = mysqli_fetch_array($sql)) {
    $id = $row['id'];
    $nama = $row['nama'];

    echo "<tr>";
    echo "<td bgcolor=#FAFAFA>" . $nama . "</td>";

```

```

echo "<td bgcolor='#FAFAFA'>" . $id . "</td>";

for ($panjang = 1; $panjang <= $hasil; $panjang++) {

    //if ($panjang <= $hasil) {
    //select array berdasarkan tanggal
    $convert_date = $tahun . "-" . $bulan . "-" . $panjang;
    $loop = mysqli_query($dbconnect, "SELECT id, status
FROM tb_absen WHERE id='$id' AND date = '$convert_date'");
    $data = mysqli_num_rows($loop);

    $day = getday($convert_date);
    //echo $panjang;
    if ($data > 0) {
        while ($status = mysqli_fetch_assoc($loop)) {

            $id = $status['id'];
            if ($status['status'] == "A") {

                echo "<td class='text-center' bgcolor='#F0386A'>" .
$status['status'] . "</td>";
            } else if ($status['status'] == "B") {
                $alpa = $alpa - 1;
                echo "<td class='text-center' bgcolor='#F9D612'>" .
$status['status'] . "</td>";
            } else if ($status['status'] == "I") {
                $alpa = $alpa - 1;
                echo "<td class='text-center' bgcolor='#72ADF5'>" .
$status['status'] . "</td>";
            } else if ($status['status'] == "S") {
                $alpa = $alpa - 1;
                echo "<td class='text-center' bgcolor='#62E3EB'>" .
$status['status'] . "</td>";
            } else if ($status['status'] == "T") {

```

```

        $alpa = $alpa - 1;
        echo "<td class='text-center' bgcolor='#A7ACB1'>" .
$status['status'] . "</td>";
    } else if ($status['status'] == "H") {
        $alpa = $alpa - 1;
        echo "<td class='text-center' bgcolor='#66EDC0'>" .
$status['status'] . "</td>";
    }
}
} else {
    if ($day == $libur1 || $day == $libur2) {
        $hari_libur += 1;

        echo "<td class='text-center'
bgcolor='#DCFCFF'>L</td>";
    } else {
        echo "<td class='text-center'
bgcolor='#F0386A'>A</td>";
    }
}

$date_awal = $tahun . "-" . $bulan . "-1";
$date_akhir = $tahun . "-" . $bulan . "-" . $hasil;
//echo $hari_libur;
$total_alpa = $alpa - $hari_libur;
echo "<td class='text-center'>" . $total_alpa . "</td>";
echo "<td class='text-center'>" . num_row('tb_absen', 'status',
'B', $id, $date_awal, $date_akhir) . "</td>";
echo "<td class='text-center'>" . num_row('tb_absen', 'status',
'T', $id, $date_awal, $date_akhir) . "</td>";
echo "<td class='text-center'>" . num_row('tb_absen', 'status',
'S', $id, $date_awal, $date_akhir) . "</td>";
echo "<td class='text-center'>" . num_row('tb_absen', 'status',
'I', $id, $date_awal, $date_akhir) . "</td>";

```

```

        echo "<td class='text-center'>" . num_row('tb_absen', 'status',
'H', $id, $date_awal, $date_akhir) . "</td>";
        $alpa = $hasil;
        $hari_libur = 0;
        echo "<tr>";
    }

?>

</tbody>
</table>
</div>

</div>
</div>
</section>

<script>
function printContent(el) {
    var restorepage = document.body.innerHTML;
    var printcontent = document.getElementById(el).innerHTML;
    document.body.innerHTML = printcontent;
    window.print();
    document.body.innerHTML = restorepage;
}
</script>

<?php
if(isset($_SESSION['page'])){

}else{
    header("location: ../index.php?page=dashboard&error=true");
}

```

```

$absent='';
$flag='0';
    if(isset($_POST['tanggal'])){
        $flag='0';
        $date = $_POST['tanggal'];
        $absent = $date;
        $sql = mysqli_query($dbconnect,"SELECT tb_absen.id,
tb_id.nama, tb_absen.masuk, tb_absen.keluar, tb_absen.date, tb_absen.status,
tb_absen.keterangan FROM tb_absen INNER JOIN tb_id ON
tb_absen.id=tb_id.id WHERE date='$date'");
    }else{
        $flag='0';
        $date = date('Y-m-d');
        $absent = $date;
        $sql = mysqli_query($dbconnect,"SELECT tb_absen.id,
tb_id.nama, tb_absen.masuk, tb_absen.keluar, tb_absen.date, tb_absen.status,
tb_absen.keterangan FROM tb_absen INNER JOIN tb_id ON
tb_absen.id=tb_id.id WHERE date='$date'");
    }
?>

```

```

<div class="content-header ml-3 mr-3">
    <div class="container-fluid">
        <div class="row mb-2">
            <div class="col-sm-6">
                <h1 class="m-0 text-dark">DATA PRESENSI</h1>
            </div><!-- /.col -->
            <div class="col-sm-6">
                <ol class="breadcrumb float-sm-right">
                    <li
                        class="breadcrumb-item"><a
href="index.php?page=dashboard">Home</a></li>
                    <li class="breadcrumb-item active">Data Presensi</li>
                </ol>

```

```

        </div><!-- /.col -->
    </div><!-- /.row -->
</div><!-- /.container-fluid -->
</div>

<section class="content ml-3 mr-3">
    <div class="content">
        <div class="container-fluid">

            <div class="card">
                <div class="card-header bg-secondary"
style="height: 82px;">
                    <div class="row">
                        <div class="col-md-6 pt-3">
                            <form
method="POST">
                                <input
type="date" name="tanggal">
                                    <button
type="submit" class="btn btn-light btn-sm mb-1 ml-1"><i class="fas fa-
search"></i> Cari Tanggal</button>
                                        </form>
                                    </div>
                                <div class="col-md-6 pt-3"
style="font-size:18px; text-align: right;">
                                    <?php          echo
"Menampilkan tanggal, ".$date;?>
                                        </div>
                                    </div>
                                </div>
                                <div class="card-body">
                                    <div class="row mt-2">
                                        <div class="col-md-12 col-md-
offset-2">

```

```

table-hover">
<div class="table
class="table table-striped table-bordered dt-responsive nowrap"
id="dataTables-example" style="width: 100%;">
<thead>
<tr>
<th>ID</th>
<th>Nama Pegawai</th>
<th>Jam Masuk</th>
<th>Jam Keluar</th>
<th>Tanggal</th>
<th>Status</th>
<th>Keterangan</th>
</tr>
</thead>
<tbody>
<?php
while($data = mysqli_fetch_array($sql)){
if($data['status'] == 'H'){
$color = "table-success";
}

```

```
else
{
    $color = "table-secondary";
}
else
{
    $color = "table-danger";
}
else
{
    $color = "table-primary";
}
else
{
    $color = "table-info";
}
else
{
    $color = "table-warning";
}
?>

<tr
class="<?php echo $color; ?>">
```



```

<td><?php echo $data['id']; ?></td>

<td><?php echo $data['nama'];?></td>

<td><?php echo $data['masuk']; ?></td>

<td><?php echo $data['keluar']; ?></td>

<td><?php echo $data['date']; ?></td>

<td><a href="/index.php?page=edit_absen&id=<?php echo
$data['id']; ?>&nama=<?php echo $data['nama'];?>&tanggal=<?php echo
$data['date']; ?>&status=<?php echo $data['status'];?>&flag=<?php echo
$flag; ?>"><b><center><?php echo $data['status']; ?></center></b></a></td>

<td><?php echo $data['keterangan']; ?></td>
</tr>

<?php
    }
?>

<?php

$flag='1';

$sql1 = mysqli_query($dbconnect,"select * from tb_id where id not
in(select id from tb_absen where date='$absent')");

while($data1 = mysqli_fetch_array($sql1)){
?>

<tr
class="table-danger">

```

```

<td><?php echo $data1['id'];?></td>

<td><?php echo $data1['nama'];?></td>

<td>--</td>

<td>--</td>

<td><?php echo $absent; ?></td>

<td><a href="/index.php?page=edit_absen&id=<?php echo
$data1['id']; ?>&nama=<?php echo $data1['nama'];?>&tanggal=<?php echo
$absent;?>&status=A&flag=<?php echo
$flag; ?>"><center><b>A</b></center></a></td>

<td></td>

</tr>

<?php
}
?>
</tbody>

</table>

</div>

</div>

</div><!-- end row-->

</div>

</div>

</div>

</div>

```

```

</section>
<?php
if(isset($_SESSION['page'])){

}else{
    header("location: ../index.php?page=dashboard&error=true");
}
    $today = date('Y-m-d');
    $count_terlambat=jumlah_row2('tb_absen','status','T', 'date', $today);
    $count_hadir= jumlah_row2('tb_absen','status','H', 'date', $today);
    $count_izin= jumlah_row2('tb_absen','status','I','date', $today);
    $count_sakit= jumlah_row2('tb_absen','status','S','date', $today);
    $count_bolos= jumlah_row2('tb_absen','status','B','date', $today);

    $sql6 = mysqli_query($dbconnect,"SELECT * FROM tb_id WHERE id
NOT IN(SELECT id FROM tb_absen WHERE date = '$today' )");
    $count_alpa=mysqli_num_rows($sql6);
?>

<!-- Content Header (Page header) -->
<div class="content-header ml-3 mr-3">
    <div class="container-fluid">
        <div class="row mb-2">
            <div class="col-sm-6">
                <h1 class="m-0 text-dark">DASHBOARD</h1>
            </div><!-- /.col -->
            <div class="col-sm-6">
                <ol class="breadcrumb float-sm-right">
                    <li class="breadcrumb-item"><a href="#">Home</a></li>
                    <li class="breadcrumb-item active">Dashboard</li>
                </ol>
            </div><!-- /.col -->
        </div>
    </div>

```

```

    </div><!-- /.row -->
  </div><!-- /.container-fluid -->
</div>
<!-- /.content-header -->
<section class="content ml-3 mr-3">
<!-- Main content -->
<div class="content">
  <div class="container-fluid">

    <!-- card-->
    <div class="row">
      <div class="col-lg-4 col-6">
        <!-- small box -->
        <div class="small-box bg-info">
          <div class="inner">
            <h3>
              <?php
                echo jumlah_row('tb_absen','!','!');
              ?>
            </h3>

            <p>Data Presensi</p>
          </div>
          <div class="icon">
            <i class="ion ion-pie-graph"></i>
          </div>
          <a href="index.php?page=absensi" class="small-box-footer">Lihat
Detail <i class="fas fa-arrow-circle-right"></i></a>
        </div>
      </div>
    </div>
  <!-- ./col -->
  <div class="col-lg-4 col-6">

```

```

<!-- small box -->
<div class="small-box bg-success">
  <div class="inner">
    <h3>
      <?php
        echo jumlah_row('tb_id','!','!');
      ?>
    </h3>

    <p>Jumlah Pegawai</p>
  </div>
  <div class="icon">
    <i class="fas fa-user-tie"></i>
  </div>
  <a href="index.php?page=pegawai" class="small-box-footer">Lihat
Detail <i class="fas fa-arrow-circle-right"></i></a>
  </div>
</div>
<!-- ./col -->
<div class="col-lg-4 col-6">
  <!-- small box -->
  <div class="small-box bg-danger">
    <div class="inner">
      <h3>
        <?php
          echo jumlah_row('tb_pengguna','!','!');
        ?>
      </h3>

      <p>Pengguna</p>
    </div>
    <div class="icon">
      <i class="fas fa-user-shield"></i>

```

```

    </div>
    <a href="index.php?page=pengguna" class="small-box-
footer">Lihat Detail <i class="fas fa-arrow-circle-right"></i></a>
  </div>
</div>
<!-- ./col -->
</div>
<!-- /.row -->

```

```

<!-- chart -->

```

```

<div class="row">
  <!-- Left col -->
  <section class="col-lg-7 connectedSortable">
    <!-- Custom tabs (Charts with tabs)-->
    <div class="card">
      <div class="card-header bg-secondary">
        <h3 class="card-title">
          <i class="fas fa-chart-pie mr-1"></i>
          Presentase Kehadiran
        </h3>
      </div><!-- /.card-header -->
      <div class="card-body">
        <div class="tab-content p-0">
          <!-- Morris chart - Sales -->
          <div id="container" height="300px" width="300px"></div>
        </div>
      </div><!-- /.card-body -->
    </div>
    <!-- /.card -->
  </section>

```

```

<!-- right column-->
<section class="col-lg-5 connectedSortable">

<!-- calendar-->
<div class="card">
  <div class="card-header border-1 bg-secondary">

    <h3 class="card-title">
      <i class="far fa-calendar-alt mr-1"></i>
      Tanggal & Jam
    </h3>
  </div>
  <!-- /.card-header -->
  <div class="card-body pt-0">
    <!--The calendar -->
    <div style="text-align:center;padding:1em 0;"> <iframe
src="https://www.zeitverschiebung.net/clock-widget-iframe-
v2?language=en&size=large&timezone= <?php echo $timezone;?>"
width="100%" height="140" frameborder="0" seamless></iframe> </div>
  </div>
  <!-- /.card-body -->
</div>
</section><!--end right column-->
</div><!-- end row-->
</div><!-- /.container-fluid -->
</div><!-- /.content -->
</section>

<script src="https://code.highcharts.com/highcharts.js"></script>
<script src="https://code.highcharts.com/highcharts-3d.js"></script>
<script src="https://code.highcharts.com/modules/exporting.js"></script>

```

```
<script src="https://code.highcharts.com/modules/export-data.js"></script>
<script src="https://code.highcharts.com/modules/accessibility.js"></script>
```

```
<script>
```

```
Highcharts.chart('container', {
```

```
  chart: {
```

```
    type: 'bar'
```

```
  },
```

```
  title: {
```

```
    text: 'Nilai Presentase'
```

```
  },
```

```
  xAxis: {
```

```
    categories: ['Hadir', 'Alpa', 'Bolos', 'Terlambat', 'Sakit', 'Izin']
```

```
  },
```

```
  yAxis: {
```

```
    min: 0,
```

```
    title: {
```

```
      text: 'Total Kehadiran'
```

```
    }
```

```
  },
```

```
  legend: {
```

```
    reversed: true
```

```
  },
```

```
  plotOptions: {
```

```
    series: {
```

```
      stacking: 'normal'
```

```
    }
```

```
  },
```

```
  series: [{
```

```
    name: '',
```

```
    data:
```

```
    [
```



```

        <?php echo $count_hadir;?>,
        <?php echo $count_alpa;?>,
        <?php echo $count_bolos;?>,
        <?php echo $count_terlambat;?>,
        <?php echo $count_sakit;?>,
        <?php echo $count_izin;?>
    ]
}
});
</script>
<?php
session_start();
if ($_SESSION['status'] != '0' && $_SESSION['username'] == '') {
    header("location: konfig/logout.php");
}
include 'konfig/function.php';
$_SESSION['page'] = 'index';
?>

<!DOCTYPE html>
<!--
This is a starter template page. Use this page to start your new project from
scratch. This page gets rid of all links and provides the needed markup only.
-->
<html lang="en">

<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <meta http-equiv="x-ua-compatible" content="ie=edge">

    <title>WEBSITE ABSENSI</title>

```

```

<meta name="viewport" content="width=device-width, initial-scale=1">
<!-- Icons -->
<link                                rel="stylesheet"
href="https://code.ionicframework.com/ionicons/2.0.1/css/ionicons.min.css">
<!-- Font Awesome Icons -->
<link rel="stylesheet" href="vendor/css/fontawesome-free/css/all.min.css">
<!-- Theme style -->
<link rel="stylesheet" href="vendor/css/admin-lte/adminlte.min.css">
<!-- Google Font: Source Sans Pro -->
<link
href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,400i,700" rel="stylesheet">
<!-- custom databales -->
<link                                rel="stylesheet"
href="https://cdn.datatables.net/1.10.19/css/dataTables.bootstrap4.min.css">
<link                                rel="stylesheet"
href="https://cdn.datatables.net/buttons/1.5.2/css/buttons.bootstrap4.min.css">
<link                                rel="stylesheet"
href="https://cdn.datatables.net/responsive/2.2.3/css/responsive.bootstrap4.min.css">
<!-- loading -->
<link      rel="stylesheet"      href="vendor/css/css-manual/print.css"
type="text/css" media="print" />
<!-- date picker-->
<link      rel="stylesheet"      href="vendor/bootstrap-datepicker/dist/css/bootstrap-datepicker3.css" />
</head>

<body class="hold-transition sidebar-mini">
<div class="wrapper">
<!-- Navbar -->
<nav class="main-header navbar navbar-expand navbar-light navbar-light">
<!-- Left navbar links -->

```

```

<ul class="navbar-nav">
  <li class="nav-item">
    <a class="nav-link" data-widget="pushmenu" href="#"><i class="fas
fa-bars"></i></a>
  </li>
  <li class="nav-item d-none d-sm-inline-block">
    <a href="index.php?page=dashboard" class="nav-link">Home</a>
  </li>
</ul>

```

```

<!-- Right navbar links -->
<ul class="navbar-nav ml-auto">
  <!-- Messages Dropdown Menu -->
  <li class="nav-item d-none d-sm-inline-block">
    <a class="nav-link" href="konfig/logout.php" onclick="return
confirm('Ingin keluar ??')">
      <i class="fas fa-sign-out-alt"></i>
    </a>
  </li>
</ul>
</nav>
<!-- /.navbar -->

```

```

<!-- Main Sidebar Container -->
<aside class="main-sidebar sidebar-dark-warning elevation-4">
  <!-- Brand Logo -->
  <a href="#" class="brand-link">
    
    <span class="brand-text font-weight-light">WEBSITE ABSENSI</span>
  </a>

  <!-- Sidebar -->

```

```

<div class="sidebar">
  <!-- Sidebar user panel (optional) -->
  <div class="user-panel mt-3 pb-3 mb-3 d-flex">
    <div class="image">
      
    </div>
    <div class="info">
      <a href="#" class="d-block"><?php echo "Hello, " .
$_SESSION['username']; ?></a>
    </div>
  </div>

  <!-- Sidebar Menu -->
  <nav class="mt-2">
    <ul class="nav nav-pills nav-sidebar flex-column" data-
widget="treeview" role="menu" data-accordion="false">

      <!-- Add icons to the links using the .nav-icon class
      with font-awesome or any other icon font library -->
      <li class="nav-item">
        <a href="index.php?page=dashboard" class="nav-link">
          <i class="nav-icon fas fa-tachometer-alt"></i>
          <p>
            Dashboard
          </p>
        </a>
      </li>

      <li class="nav-item">
        <a href="" class="nav-link">
          <i class="nav-icon far fa-calendar-alt"></i>
          <p>

```

Data Absensi

```

    <i class="right fas fa-angle-left"></i>
  </p>
</a>
<ul class="nav nav-treeview">
  <li class="nav-item">
    <a href="index.php?page=absensi" class="nav-link">
      <i class="far fa-circle nav-icon"></i>
      <p>Pertanggal</p>
    </a>
  </li>
  <li class="nav-item">
    <a href="index.php?page=absen-bulanan" class="nav-link">
      <i class="far fa-circle nav-icon"></i>
      <p>Bulanan</p>
    </a>
  </li>
</ul>
</li>

<li class="nav-item">
  <a href="" class="nav-link">
    <i class="nav-icon fas fa-users"></i>
    <p>
      Pegawai
      <i class="right fas fa-angle-left"></i>
    </p>
  </a>
  <ul class="nav nav-treeview">
    <li class="nav-item">
      <a href="index.php?page=pegawai" class="nav-link">
        <i class="far fa-circle nav-icon"></i>

```

```

        <p>Daftar Pegawai</p>
    </a>
</li>
<li class="nav-item">
    <a href="index.php?page=tambah-pegawai" class="nav-link">
        <i class="far fa-circle nav-icon"></i>
        <p>Tambah Pegawai</p>
    </a>
</li>
</ul>
</li>

<li class="nav-item">
    <a href="index.php?page=pengguna" class="nav-link">
        <i class="nav-icon fas fa-user-lock"></i>
        <p>
            Daftar Pengguna
        </p>
    </a>
</li>

<li class="nav-item">
    <a href="index.php?page=konfigurasi" class="nav-link">
        <i class="nav-icon fas fa-cogs"></i>
        <p>
            Konfigurasi
        </p>
    </a>
</li>

</ul>
</nav>

```

```
<!-- /.sidebar-menu -->
</div>
<!-- /.sidebar -->
</aside>

<!-- Content Wrapper. Contains page content -->
<div class="content-wrapper pt-4 pb-4">
  <?php
  if (isset($_GET['page'])) {
    $page = $_GET['page'];

    switch ($page) {

      case 'dashboard':
        include "pages/dashboard.php";
        break;

      case 'absensi':
        include "pages/absensi.php";
        break;

      case 'pegawai':
        include "pages/pegawai.php";
        break;

      case 'tambah-pegawai':
        include "pages/tambah_pegawai2.php";
        break;

      case 'pengguna':
        include "pages/pengguna.php";
        break;
```

```
case 'konfigurasi':  
    include "pages/konfigurasi.php";  
    break;  
  
case 'edit_pegawai':  
    include "pages/edit_pegawai.php";  
    break;  
  
case 'edit_konfigurasi':  
    include "pages/edit_konfigurasi.php";  
    break;  
  
case 'edit_absen':  
    include "pages/edit_absen.php";  
    break;  
  
case 'absen-bulanan':  
    include "pages/absensi-bulanan.php";  
    break;  
  
case 'edit_pengguna':  
    include "pages/edit_pengguna.php";  
    break;  
  
case 'tambah_pengguna':  
    include "pages/tambah_pengguna.php";  
    break;  
  
case 'login':  
    include "pages/login.php";  
    break;
```



```

        default:
            echo      "<center><h3>Maaf.      Halaman      tidak      di
temukan !</h3></center>";
            break;
        }
    } else {
        echo '<h3><center> Permintaan ditolak :( </center></h3>';
    }
?>

</div>
<!-- /.content-wrapper -->

<!-- Control Sidebar -->
<aside class="control-sidebar control-sidebar-dark">
    <!-- Control sidebar content goes here -->
    <div class="p-3">
        <h5>Title</h5>
        <p>Sidebar content</p>
    </div>
</aside>
<!-- /.control-sidebar -->

<!-- Main Footer -->
<footer class="main-footer">
    <!-- Default to the left -->
    <strong>Copyright &copy; 2024 <a>Rizkiyah Trie Intani</a>.</strong>
</footer>
</div>
<!-- ./wrapper -->

<!-- REQUIRED SCRIPTS -->

```

```
<!-- jQuery -->
<script src="vendor/js/jquery/jquery.min.js"></script>
<!-- Bootstrap 4 -->
<script src="vendor/js/bootstrap/js/bootstrap.bundle.min.js"></script>
<!-- AdminLTE App -->
<script src="vendor/js/admin-lte/adminlte.min.js"></script>

<!-- Date Picker -->
<script src="vendor/js/bootstrap/js/bootstrap.js"></script>
<script src="vendor/bootstrap-datepicker/dist/js/bootstrap-datepicker.js"></script>

<!-- Js datatables -->
<script src="https://cdn.datatables.net/1.10.19/js/jquery.dataTables.min.js"></script>
<script src="https://cdn.datatables.net/1.10.19/js/dataTables.bootstrap4.min.js"></script>
<script src="https://cdn.datatables.net/buttons/1.5.2/js/dataTables.buttons.min.js"></script>
<script src="https://cdn.datatables.net/buttons/1.5.2/js/buttons.bootstrap4.min.js"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/jszip/3.1.3/jszip.min.js"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/pdfmake/0.1.36/pdfmake.min.js"></script>
<script src="https://cdnjs.cloudflare.com/ajax/libs/pdfmake/0.1.36/vfs_fonts.js"></script>
<script src="https://cdn.datatables.net/buttons/1.5.2/js/buttons.html5.min.js"></script>
```

```

<script
src="https://cdn.datatables.net/buttons/1.5.2/js/buttons.print.min.js"></scrip
t>

<script
src="https://cdn.datatables.net/buttons/1.5.2/js/buttons.colVis.min.js"></scri
pt>

<script
src="https://cdn.datatables.net/responsive/2.2.3/js/dataTables.responsive.min
.js"></script>

<script
src="https://cdn.datatables.net/responsive/2.2.3/js/responsive.bootstrap4.min
.js"></script>

<!-- export excel -->
<script lang="javascript" src="vendor/js/sheetJS/xlsx.full.min.js"></script>
<script                                lang="javascript"
src="vendor/js/sheetJS/FileSaver.min.js"></script>

<!-- JS Daftar Pegawai
<script src="vendor/js/daftarpegawai/daftarpegawai.js"></script>
-->

<script>
var wb = XLSX.utils.table_to_book(document.getElementById('table-
bulanan'), {
  sheet: "Sheet JS"
});
var wbout = XLSX.write(wb, {
  bookType: 'xlsx',
  bookSST: true,
  type: 'binary'
});

function s2ab(s) {
  var buf = new ArrayBuffer(s.length);

```

```

var view = new Uint8Array(buf);
for (var i = 0; i < s.length; i++) view[i] = s.charCodeAt(i) & 0xFF;
return buf;
}
$('#button-a').click(function() {
  saveAs(new Blob([s2ab(wbout)], {
    type: "application/octet-stream"
  }), 'Presensi.xlsx');
});
</script>

```

```

<!--data tables function-->
<script>
$(document).ready(function() {
  var table = $('#example').DataTable({
    blengthChange: false,
    bPaginate: false,
    bInfo: false,
    buttons: [{
      extend: 'pdf',
      className: 'btn-danger'
    },
    {
      extend: 'excel',
      className: 'btn-success'
    },
    {
      extend: 'print',
      className: 'btn-info'
    }
  ]
});

```

```
table.buttons().container()
    .appendTo('#example_wrapper .col-md-6:eq(0)');

});
</script>
```

```
<script>
$(document).ready(function() {
    $('#bulan').datepicker({
        format: "yyyy-mm",
        autoclose: true,
        viewMode: "months",
        minViewMode: "months"
    });
});
</script>
```

```
<script>
$(document).ready(function() {
    var table = $('#pegawai').DataTable({
        bLengthChange: false,
        bPaginate: true,
        bInfo: false,
    });

    table.buttons().container()
        .appendTo('#example_wrapper .col-md-6:eq(0)');
});
</script>
```

```

</body>

</html>
<?php
session_start();
if (isset($_SESSION['page'])) {
    header("location: index.php?page=dashboard&error=true");
} else {
}
?>
<!DOCTYPE html>
<html>

<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <title>WEBSITE ABSENSI</title>
    <!-- Tell the browser to be responsive to screen width -->
    <meta name="viewport" content="width=device-width, initial-scale=1">

    <!-- Font Awesome -->
    <link rel="stylesheet" href="vendor/css/fontawesome-free/css/all.min.css">
    <!-- Icons -->
    <link
        rel="stylesheet"
        href="https://code.ionicframework.com/ionicons/2.0.1/css/ionicons.min.css">
    <!-- icheck bootstrap -->
    <link
        rel="stylesheet"
        href="vendor/css/icheck-bootstrap/icheck-
bootstrap.min.css">
    <!-- Theme style -->
    <link rel="stylesheet" href="vendor/css/admin-lte/adminlte.min.css">
    <!-- Google Font: Source Sans Pro -->
    <link
        href="https://fonts.googleapis.com/css?family=Source+Sans+Pro:300,400,400
i,700" rel="stylesheet">

```

```

</head>

<body class="hold-transition login-page" style="background-image:
url('vendor/img/bglogin.jpg'); background-position: center;
background-repeat: no-repeat; background-size: cover; ">
<div class="login-box">

<!-- /.login-logo -->
<div class="card">
<div class="card-header mt-3">
<div class="login-logo">

<h3>WEBSITE ABSENSI</h3>
</n>
<h5>SDN 32 Palembang</h5>
</div>
</div>
<div class="card-body login-card-body">
<p class="login-box-msg">Masuk untuk mengolah presensi</p>

<form action="konfig/cek-user.php" method="post">
<div class="input-group mb-3">
<input type="text" name="username" class="form-control"
placeholder="Username">
<div class="input-group-append">
<div class="input-group-text">
<span class="fas fa-user"></span>
</div>
</div>
</div>
<div class="input-group mb-3">
<input type="password" name="password" class="form-control"
placeholder="Password">

```

```

    <div class="input-group-append">
      <div class="input-group-text">
        <span class="fas fa-lock"></span>
      </div>
    </div>
  </div>
</div>
<div class="row">
  <div class="col-8">
    <div class="icheck-primary">
      <input type="checkbox" id="remember">
      <label for="remember">
        Remember Me
      </label>
    </div>
  </div>
  <!-- /.col -->
  <div class="col-4">
    <button type="submit" class="btn btn-info btn-
block">Masuk</button>
  </div>
  <!-- /.col -->
</div>
</form>
</div>
<!-- /.login-card-body -->
</div>
</div>
<!-- /.login-box -->

<!-- jQuery -->
<script src="vendor/js/jquery/jquery.min.js"></script>
<!-- Bootstrap 4 -->
<script src="vendor/js/bootstrap/js/bootstrap.bundle.min.js"></script>

```



```

<!-- AdminLTE App -->
<script src="vendor/js/admin-lte/adminlte.min.js"></script>

</body>

</html>
<?php
if (isset($_SESSION['page'])) {
} else {
    header("location: ../index.php?page=dashboard&error=true");
}
?>
<div class="content-header ml-3 mr-3">
    <div class="container-fluid">
        <div class="row mb-2">
            <div class="col-sm-6">
                <h1 class="m-0 text-dark">DAFTAR
                PEGAWAI</h1>
            </div><!-- /.col -->
            <div class="col-sm-6">
                <ol class="breadcrumb float-sm-right">
                    <li class="breadcrumb-item"><a
                    href="index.php?page=dashboard">Home</a></li>
                    <li class="breadcrumb-item
                    active">Daftar Pegawai</li>
                </ol>
            </div><!-- /.col -->
        </div><!-- /.row -->
    </div><!-- /.container-fluid -->
</div>

<section class="content ml-3 mr-3">
    <div class="content">

```

```

<div class="container-fluid">

    <div class="row">
        <div class="table">
            <table id="pegawai" class="table table-
bordered table-hover dt-responsive nowrap" id="dataTables-example"
style="width: 100%;">

                <thead class="bg-secondary">
                    <tr>
                        <th>ID</th>
                        <th>Nama
Pegawai</th>
                        <th>Telegram
ID</th>
                        <th>
</th>
                    </tr>
                </thead>

                <tbody class="bg-white">
                    <?php
                        $sql =
mysqli_query($dbconnect, "SELECT * FROM tb_id ORDER BY nama!=""");
                        while ($data =
mysqli_fetch_array($sql)) {
                            ?>

                                <tr class="odd
gradeX">
                                    <td><?php
echo $data['id']; ?></td>
                                    <td><?php
echo $data['nama']; ?></td>

```

```

echo $data['telegram_id']; ?></td>
<td><?php

<center>

<a href="/konfig/delete_pegawai.php?id=<?php echo $data['id']; ?>"
class="btn btn-outline-danger btn-sm" onclick="return confirm('Apakah
anda yakin?)" data-toggle="tooltip" title="Hapus"><i class="fas fa-trash-
alt"></i></a>

<a href="/index.php?page=edit_pegawai&id=<?php echo
$data['id']; ?>&nama=<?php echo $data['nama']; ?>&telegram=<?php echo
$data['telegram_id']; ?>" class="btn btn-outline-primary btn-sm ml-3" data-
toggle="tooltip" title="Edit"><i class="fas fa-edit"></i></a>

</center>

</td>
</tr>

<?php
}
?>
</tbody>
</table>
</div>
</div>
</div>
</div>
</section>

```