Tugas4

(Membuat Database)

Disusun Oleh :

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**PELATIHAN VSGA
JUNIOR WEB DEVELOPER
DIGITAL TALENT SCHOLARSHIP
2021**

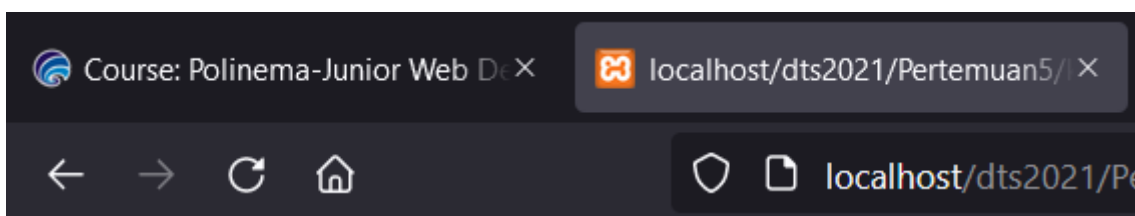1. Membuat database dengan nama db_ptxyz

Databases

🗃 **Create database** ❓

| db_ptxyz | latin1_swedish_ci ⌄ | **Create** |

Filters

2. Lalu membuat source code php, apakah sudah terkoneksi dengan localhost db_ptxyz

```php
<?php
    $server = "localhost";
    $user = "root";
    $password = "";
    $nama_database = "db_ptxyz";
    $db = mysqli_connect($server, $user, $password, $nama_database);
    if ($db) {
        echo "<font color='red'>(Data Terhubung)</font><br>";
    }else{
        echo "<font color=red> Data gagal terhubung </font> <br>".mysql_error();
    }
?>
```
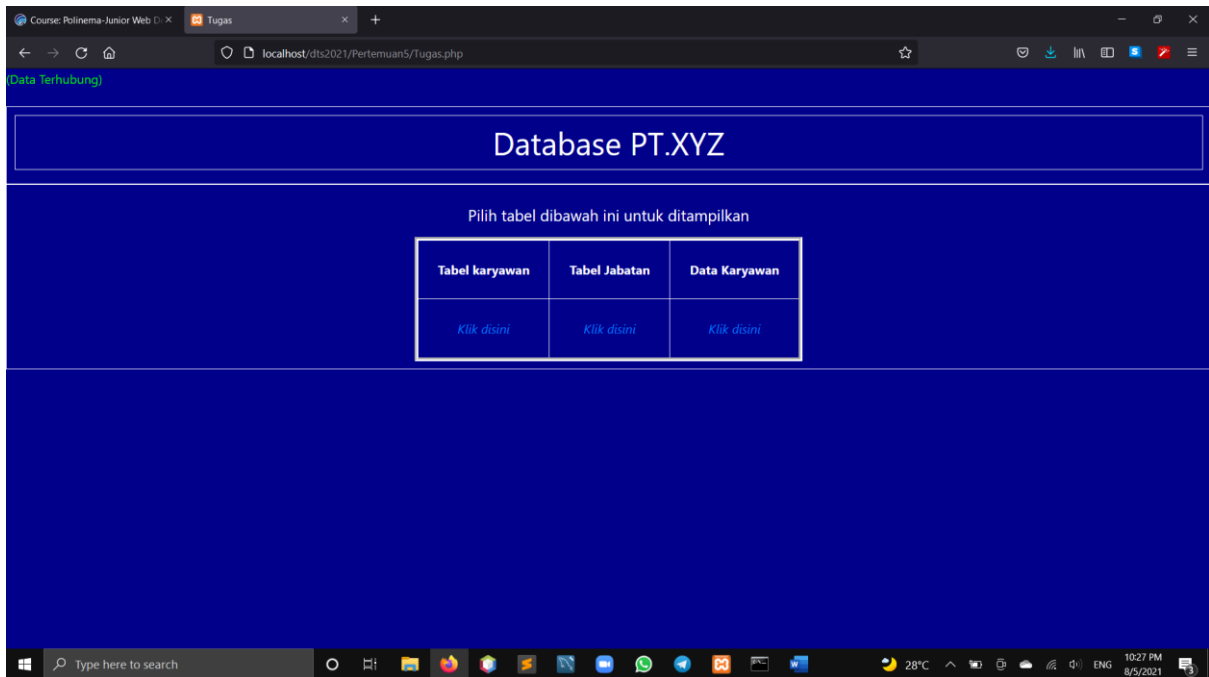
```php
<?php
    $server = "localhost";
    $user = "root";
    $password = "";
    $nama_database = "db_ptxyz";
    $db = mysqli_connect($server, $user, $password, $nama_database);
    echo "berhasil terkoneksi..... ";
    if( !$db ){
        die("Gagal terhubung dengan database: " . mysqli_connect_error());
    }
?>
```

🌐 Course: Polinema-Junior Web D×   ⚙ localhost/dts2021/Pertemuan5/×

← → C ⌂   🛡 🗋 localhost/dts2021/Pe

(Data Terhubung)

3. Membuat halaman utama atau halaman home menggunakan php


```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <title>Tugas</title>
  <link rel="stylesheet" type="text/css" href="css/bootstrap.css">
  <script type="text/javascript" src="js/jquery.js"></script>
  <script type="text/javascript" src="js/bootstrap.js"></script>
  <style type="text/css">
    div{
      /*background: darkblue;*/
      text-align: center;
      border: 1px solid #fff;
      padding: 10px;
      color: #fff;
    }
    .konten{
      height: 300px;
    }
    .sidebar{
      height: 300px;
    }
  </style>
</head>
<body style="background: darkblue ;">

  <?php
    $server = "localhost";
```

```php
        $user = "root";
        $password = "";
        $nama_database = "db_ptxyz";
        $db = mysqli_connect($server, $user, $password, $nama_database);
        if ($db) {
            echo "<font color='red'>(Data Terhubung)</font><br>";
        }else{
            echo "<font color=red> Data gagal terhubung </font> <br>".mysql_error();
        }
    ?>

    <br>

    <div>
        <h1>
            <center>
                <div class="col-md-12 col-xs-12">
                    Database PT.XYZ
                </div>
            </center>
        </h1>
    </div>

    <div class="col-md-12 col-xs-12">
        <p>
            <h5>
                Pilih tabel dibawah ini untuk ditampilkan
            </h5>
        </p>
        <center>
            <table border="5" cellspacing="5" cellpadding="25">
                <thead>
                    <tr>
                        <th>Tabel karyawan</th>
                        <th>Tabel Jabatan</th>
                        <th>Data Karyawan</th>
                    </tr>
                </thead>
                <tbody>
                    <tr>
                        <td>
                            <center>
                                <a href="TabelKaryawan.php">
                                    <em>Klik disini</em>
                                </a>
                            </center>
                        </td>
                        <td>
                            <center>
                                <a href="TabelJabatan.php">
                                    <em>Klik disini</em>
```

```html
                    </a>
                  </center>
                </td>
                <td>
                  <center>
                    <a href="DataKaryawan.php">
                      <em>Klik disini</em>
                    </a>
                  </center>
                </td>
              </tr>
            </tbody>
          </table>
        </center>
      </div>

    </body>
</html>
```

```html
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <title>Tugas</title>
    <link rel="stylesheet" type="text/css" href="css/bootstrap.css">
    <script type="text/javascript" src="js/jquery.js"></script>
    <script type="text/javascript" src="js/bootstrap.js"></script>
    <style type="text/css">
        div{
            /*background: darkblue;*/
            text-align: center;
            border: 1px solid #fff;
            padding: 10px;
            color: #fff;
        }
        .konten{
            height: 300px;
        }
        .sidebar{
            height: 300px;
        }
    </style>
</head>
<body style="background: darkblue ;">

    <?php
        $server = "localhost";
        $user = "root";
        $password = "";
        $nama_database = "db_ptxyz";
        $db = mysqli_connect($server, $user, $password, $nama_database);
        if ($db) {
            echo "<font color='red'>(Data Terhubung)</font><br>";
        }else{
            echo "<font color=red> Data gagal terhubung </font> <br>".mysql_error();
        }
    ?>

    <br>

    <div>
        <h1>
            <center>
                <div class="col-md-12 col-xs-12">
                    Database PT.XYZ
                </div>
            </center>
        </h1>
    </div>
```

```html
        <div class="col-md-12 col-xs-12">
            <p>
                <h5>
                    Pilih tabel dibawah ini untuk ditampilkan
                </h5>
            </p>
            <center>
                <table border="5" cellspacing="5" cellpadding="25">
                    <thead>
                        <tr>
                            <th>Tabel karyawan</th>
                            <th>Tabel Jabatan</th>
                            <th>Data Karyawan</th>
                        </tr>
                    </thead>
                    <tbody>
                        <tr>
                            <td>
                                <center>
                                    <a href="TabelKaryawan.php">
                                        <em>Klik disini</em>
                                    </a>
                                </center>
                            </td>
                            <td>
                                <center>
                                    <a href="TabelJabatan.php">
                                        <em>Klik disini</em>
                                    </a>
                                </center>
                            </td>
                            <td>
                                <center>
                                    <a href="DataKaryawan.php">
                                        <em>Klik disini</em>
                                    </a>
                                </center>
                            </td>
                        </tr>
                    </tbody>
                </table>
            </center>
        </div>

    </body>
    </html>

```

4. Membuat table karyawan dan menampilkan tabel dengan kolom id, nama_karyawan, alamat, jenis_kelamin, dan telp

```
MariaDB [db_ptxyz]> create table karyawan
    -> (
    -> id int(5) primary key,
    -> nama_karyawan varchar(50),
    -> alamat varchar(50),
    -> jenis_kelamin char(2),
    -> telp int(13)
    -> );
MariaDB [db_ptxyz]> show tables;
+-------------------+
| Tables_in_db_ptxyz |
+-------------------+
| karyawan          |
+-------------------+
1 row in set (0.001 sec)
```
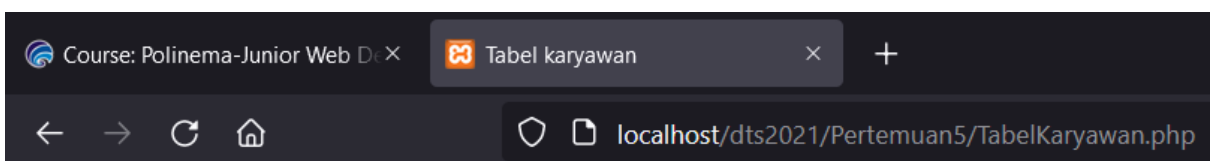
📝 Table structure   🔗 Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action		
☐ 1	id 🔑	int(5)			No	None		AUTO_INCREMENT	🖊 Change	⊘ Drop	▼ More
☐ 2	nama_karyawan	varchar(50)	latin1_swedish_ci		No	None			🖊 Change	⊘ Drop	▼ More
☐ 3	alamat	varchar(50)	latin1_swedish_ci		No	None			🖊 Change	⊘ Drop	▼ More
☐ 4	jenis_kelamin	char(2)	latin1_swedish_ci		No	None			🖊 Change	⊘ Drop	▼ More
☐ 5	telp	int(13)			No	None			🖊 Change	⊘ Drop	▼ More

↑ ☐ Check all   With selected: 📋 Browse   🖊 Change   ⊘ Drop   🔑 Primary   Ⓤ Unique   📇 Index   🅣 Fulltext   📥 Add to

*Dengan menggunakan PHP

Course: Polinema-Junior Web De ×   ✖ Tabel karyawan   ×   +

← → C ⌂   🛡 🗋 localhost/dts2021/Pertemuan5/TabelKaryawan.php

(Data Terhubung)
Kosong

id	nama_karyawan	alamat	jenis_kelamin	telp

Kembali Ke Halaman Pertama

```
<!DOCTYPE html>
<html>
```

```html
<head>
        <meta charset="utf-8">
        <title>Tabel karyawan</title>
</head>
<body>
        <table border="5" cellspacing="5" cellpadding="25">
                <thead>
                        <tr>
                                <th>id</th>
                                <th>nama_karyawan</th>
                                <th>alamat</th>
                                <th>jenis_kelamin</th>
                                <th>telp</th>
                        </tr>
                </thead>

                <?php
                        $server = "localhost";
                   $user = "root";
                   $password = "";
                   $nama_database = "db_ptxyz";
                   $connect = mysqli_connect($server, $user, $password,
$nama_database);
                        if ($connect) {
                echo "<font color='red'>(Data Terhubung)</font><br>";
            }else{
                echo "<font color=red> Data gagal terhubung </font>
<br>".mysql_error();
            }

            $query = "select * from karyawan";
                        $result = mysqli_query($connect, $query);

                        if (mysqli_num_rows($result) < 0) {
                                while ($row = mysqli_fetch_array($result)) {
            ?>

                <tbody>
                        <tr>
                                <td>
                                        <?php
                                                echo $row['id'];
                                        ?>
                                </td>
                                <td>
                                        <?php
                                                echo $row['nama_karyawan'];
                                        ?>
                                </td>
                                <td>
                                        <?php
```

```
                                    echo $row['alamat'];
                        ?>
                </td>
                <td>
                        <?php
                                echo $row['jenis_kelamin'];
                        ?>
                </td>
                <td>
                        <?php
                                echo $row['telp'];
                        ?>
                </td>
                <?php
                                }
                        }else{
                                echo "Kosong";
                        }
                ?>
        </tr>
    </tbody>
</table>
<br>
<a href="Tugas.php">
        <strong>Kembali Ke Halaman Pertama</strong>
</a>

<br>
</body>
</html>
```

*Menggunakan php

```php
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <title>Tabel karyawan</title>
</head>
<body>
    <table border="5" cellspacing="5" cellpadding="25">
        <thead>
            <tr>
                <th>id</th>
                <th>nama_karyawan</th>
                <th>alamat</th>
                <th>jenis_kelamin</th>
                <th>telp</th>
            </tr>
        </thead>

        <?php
            $server = "localhost";
            $user = "root";
            $password = "";
            $nama_database = "db_ptxyz";
            $connect = mysqli_connect($server, $user, $password, $nama_database);
            if ($connect) {
                echo "<font color='red'>(Data Terhubung)</font><br>";
            }else{
                echo "<font color=red> Data gagal terhubung </font> <br>".mysql_error();
            }

            $query = "select * from karyawan";
            $result = mysqli_query($connect, $query);

            if (mysqli_num_rows($result) < 0) {
                while ($row = mysqli_fetch_array($result)) {
        ?>

        <tbody>
            <tr>
                <td>
                    <?php
                        echo $row['id'];
                    ?>
                </td>
                <td>
                    <?php
                        echo $row['nama_karyawan'];
                    ?>
                </td>
                <td>
                    <?php
```

```php
                                echo $row['alamat'];
                            ?>
                        </td>
                        <td>
                            <?php
                                echo $row['jenis_kelamin'];
                            ?>
                        </td>
                        <td>
                            <?php
                                echo $row['telp'];
                            ?>
                        </td>
                        <?php
                            }
                        }else{
                            echo "Kosong";
                        }
                        ?>
                </tr>
            </tbody>
        </table>
        <br>
        <a href="Tugas.php">
            <strong>Kembali Ke Halaman Pertama</strong>
        </a>

        <br>
    </body>
</html>
```

5. Memasukkan data didalam table karyawan


```
MariaDB [db_ptxyz]> select * from karyawan;
+----+---------------+-------------+---------------+------+
| id | nama_karyawan | alamat      | jenis_kelamin | telp |
+----+---------------+-------------+---------------+------+
|  1 | Sendy J       | Trenggalek  | L             | 8121 |
|  2 | Atmayanti     | Tulungagung | P             | 8815 |
|  3 | Arief Nauvan  | Nganjuk     | L             | 8123 |
|  4 | Daffa Aqila   | Nganjuk     | L             | 8572 |
|  5 | Ardha N       | Nganjuk     | P             | 8121 |
+----+---------------+-------------+---------------+------+
5 rows in set (0.000 sec)
```

*Menggunakan php

(Data Terhubung)

id	nama_karyawan	alamat	jenis_kelamin	telp
1	Sendy J	Trenggalek	L	8121
2	Atmayanti	Tulungagung	P	8815
3	Arief Nauvan	Nganjuk	L	8123
4	Daffa Aqila	Nganjuk	L	8572
5	Ardha N	Nganjuk	P	8121

Kembali Ke Halaman Pertama

```html
<!DOCTYPE html>
<html>
<head>
        <meta charset="utf-8">
        <title>Tabel karyawan</title>
</head>
<body>
        <table border="5" cellspacing="5" cellpadding="25">
                <thead>
                        <tr>
                                <th>id</th>
                                <th>nama_karyawan</th>
                                <th>alamat</th>
                                <th>jenis_kelamin</th>
                                <th>telp</th>
                        </tr>
                </thead>

                <?php
                        $server = "localhost";
                    $user = "root";
                    $password = "";
                    $nama_database = "db_ptxyz";
                    $connect = mysqli_connect($server, $user, $password, $nama_database);
                    if ($connect) {
                echo "<font color='red'>(Data Terhubung)</font><br>";
            }else{
                echo "<font color=red> Data gagal terhubung </font> <br>".mysql_error();
            }

            $query = "select * from karyawan";
                        $result = mysqli_query($connect, $query);

                        if (mysqli_num_rows($result) > 0) {
                                while ($row = mysqli_fetch_array($result)) {
                ?>

                <tbody>
                        <tr>
                                <td>
                                        <?php
                                                echo $row['id'];
                                        ?>
                                </td>
                                <td>
                                        <?php
                                                echo $row['nama_karyawan'];
                                        ?>
                                </td>
                                <td>
```

```php
                              <?php
                                      echo $row['alamat'];
                              ?>
                      </td>
                      <td>
                              <?php
                                      echo $row['jenis_kelamin'];
                              ?>
                      </td>
                      <td>
                              <?php
                                      echo $row['telp'];
                              ?>
                      </td>
                      <?php
                                      }
                              }else{
                                      echo "Kosong";
                              }
                      ?>
                  </tr>
              </tbody>
      </table>
      <br>
      <a href="Tugas.php">
              <strong>Kembali Ke Halaman Pertama</strong>
      </a>
</body>
</html>
```

```php
1    <!DOCTYPE html>
2    <html>
3    <head>
4        <meta charset="utf-8">
5        <title>Tabel karyawan</title>
6    </head>
7    <body>
8        <table border="5" cellspacing="5" cellpadding="25">
9            <thead>
10               <tr>
11                   <th>id</th>
12                   <th>nama_karyawan</th>
13                   <th>alamat</th>
14                   <th>jenis_kelamin</th>
15                   <th>telp</th>
16               </tr>
17           </thead>
18
19           <?php
20               $server = "localhost";
21               $user = "root";
22               $password = "";
23               $nama_database = "db_ptxyz";
24               $connect = mysqli_connect($server, $user, $password, $nama_database);
25               if ($connect) {
26                   echo "<font color='red'>(Data Terhubung)</font><br>";
27               }else{
28                   echo "<font color=red> Data gagal terhubung </font> <br>".mysql_error();
29               }
30
31               $query = "select * from karyawan";
32               $result = mysqli_query($connect, $query);
33
34               if (mysqli_num_rows($result) > 0) {
35                   while ($row = mysqli_fetch_array($result)) {
36           ?>
37
38           <tbody>
39               <tr>
40                   <td>
41                       <?php
42                           echo $row['id'];
43                       ?>
44                   </td>
45                   <td>
46                       <?php
47                           echo $row['nama_karyawan'];
48                       ?>
49                   </td>
50                   <td>
51                       <?php
```

```php
                                echo $row['alamat'];
                            ?>
                        </td>
                        <td>
                            <?php
                                echo $row['jenis_kelamin'];
                            ?>
                        </td>
                        <td>
                            <?php
                                echo $row['telp'];
                            ?>
                        </td>
                        <?php
                                }
                            }else{
                                echo "Kosong";
                            }
                        ?>
                    </tr>
                </tbody>
            </table>
            <br>
            <a href="Tugas.php">
                <strong>Kembali Ke Halaman Pertama</strong>
            </a>
    </body>
    </html>
```
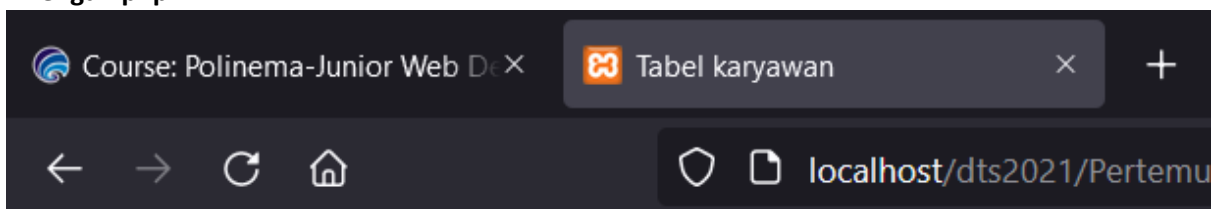
6. Membuat table baru dengan nama table jabatan dengan id, jabatan, dan golongan


```
MariaDB [db_ptxyz]> create table jabatan
    -> (
    -> id integer primary key,
    -> jabatan varchar(50),
    -> golongan int(5)
    -> );
```

Table name: jabatan   Add 1 column(s) Go

Name	Type	Length/Values	Default	Collation	Attributes	Null	Index	A_I
id Pick from Central Columns	INT		None			☐	PRIMARY PRIMARY	☐
jabatan Pick from Central Columns	VARCHAR	50	None			☐	---	☐
golongan Pick from Central Columns	CHAR	5	None			☐	---	☐

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
☐ 1	id 🔑	int(11)			No	None			🖊 Change ⊖ Drop ▼ More
☐ 2	jabatan	varchar(50)	latin1_swedish_ci		No	None			🖊 Change ⊖ Drop ▼ More
☐ 3	golongan	char(5)	latin1_swedish_ci		No	None			🖊 Change ⊖ Drop ▼ More

*Dengan php

(Data Terhubung)
Kosong

id	jabatan	golongan

Kembali Ke Halaman Pertama

```
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
```

```html
        <title>Tabel karyawan</title>
</head>
<body>
        <table border="5" cellspacing="5" cellpadding="25">
                <thead>
                        <tr>
                                <th>id</th>
                                <th>jabatan</th>
                                <th>golongan</th>
                        </tr>
                </thead>

                <?php
                        $server = "localhost";
                  $user = "root";
                  $password = "";
                  $nama_database = "db_ptxyz";
                  $connect = mysqli_connect($server, $user, $password,
$nama_database);
                        if ($connect) {
                echo "<font color='red'>(Data Terhubung)</font><br>";
            }else{
                echo "<font color=red> Data gagal terhubung </font>
<br>".mysql_error();
            }

                $query = "select * from jabatan";
                        $result = mysqli_query($connect, $query);

                        if (mysqli_num_rows($result) < 0) {
                                while ($row = mysqli_fetch_array($result)) {
                ?>

                <tbody>
                        <tr>
                                <td>
                                        <?php
                                                echo $row['id'];
                                        ?>
                                </td>
                                <td>
                                        <?php
                                                echo $row['jabatan'];
                                        ?>
                                </td>
                                <td>
                                        <?php
                                                echo $row['golongan'];
                                        ?>
                                </td>
                                <?php
```

```
                                                }
                                        }else{
                                                echo "Kosong";
                                        }
                                ?>
                        </tr>
                </tbody>
        </table>
        <br>
        <a href="Tugas.php">
                <strong>Kembali Ke Halaman Pertama</strong>
        </a>
    </body>
</html>
```

```php
<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <title>Tabel karyawan</title>
</head>
<body>
    <table border="5" cellspacing="5" cellpadding="25">
        <thead>
            <tr>
                <th>id</th>
                <th>jabatan</th>
                <th>golongan</th>
            </tr>
        </thead>

        <?php
            $server = "localhost";
            $user = "root";
            $password = "";
            $nama_database = "db_ptxyz";
            $connect = mysqli_connect($server, $user, $password, $nama_database);
            if ($connect) {
                echo "<font color='red'>(Data Terhubung)</font><br>";
            }else{
                echo "<font color=red> Data gagal terhubung </font> <br>".mysql_error();
            }

            $query = "select * from jabatan";
            $result = mysqli_query($connect, $query);

            if (mysqli_num_rows($result) < 0) {
                while ($row = mysqli_fetch_array($result)) {
        ?>

        <tbody>
            <tr>
                <td>
                    <?php
                        echo $row['id'];
                    ?>
                </td>
                <td>
                    <?php
                        echo $row['jabatan'];
                    ?>
                </td>
                <td>
                    <?php
                        echo $row['golongan'];
                    ?>
                </td>
```

```php
                    </td>
                    <?php
                            }
                        }else{
                            echo "Kosong";
                        }
                    ?>
                </tr>
            </tbody>
        </table>
        <br>
        <a href="Tugas.php">
            <strong>Kembali Ke Halaman Pertama</strong>
        </a>
    </body>
</html>
```