




Ngajar PHP

| | |
|----------------|---|
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| ⚙️ Status | Not Started |
| ☰ Summary | |
| 📅 Due | |
| ■ Project |  <u>Belajar Pemograman</u> |
| ■ Sub-tasks | |
| ↗️ Parent-task | |
| 📌 Priority | |
| ■ Tags | |

Ngajar PHP Dasar → CRUD

Pre Learn

1. Buat halaman baru untuk tampilkan data lain
2. Buat Tabel
3. Buat form

Materi

▼ Ajarkan Git

1. Download Git Bash
2. Buat akun github

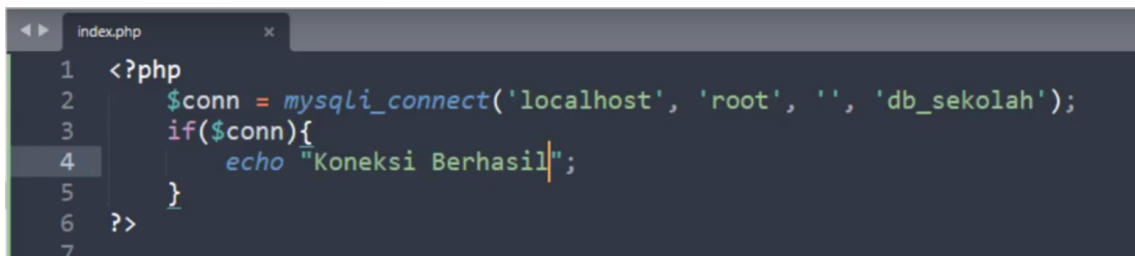
3. buat project
4. push awal
5. commit
6. push
7. pull
8. merge

▼ Koneksi Database

▼ mysqli_connect → untuk koneksi db

- host → localhost
- username → root
- password → (kosongkan)
- nama DB → (sesuaikan)

▼ Tes Koneksi

A screenshot of a code editor window titled 'index.php'. The code is as follows:

```
1 <?php
2     $conn = mysqli_connect('localhost', 'root', '', 'db_sekolah');
3     if($conn){
4         echo "Koneksi Berhasil";
5     }
6 ?>
7
```

▼ Buat Variabel parameter mysqli_connect

```
index.php
1  <?php
2      $host = 'localhost';
3      $user = 'root';
4      $pass = '';
5      $db = 'db_sekolah';
6
7      $conn = mysqli_connect($host, $user, $pass, $db);
8      if($conn){
9          echo "Koneksi Berhasil";
10     }
11  ?>
```

▼ Buat file → koneksi.php

- koneksi.php

```
index.php  koneksi.php
1  <?php
2      $host = 'localhost';
3      $user = 'root';
4      $pass = '';
5      $db = 'db_sekolah';
6
7      $conn = mysqli_connect($host, $user, $pass, $db);
8
9      if($conn){
10         echo "Koneksi Berhasil";
11     }
12  ?>
```

- index.php

```
index.php  koneksi.php
1  <?php
2      include 'koneksi.php';
3  ?>
4
```

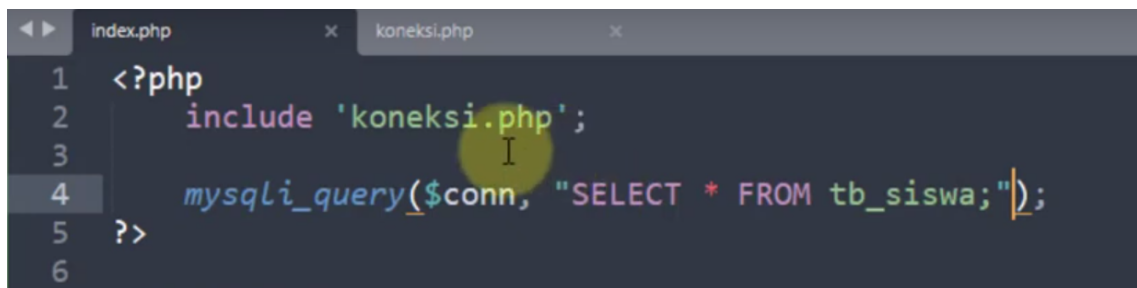
▼ untuk memilih db

file → koneksi.php

```
mysqli_select_db($conn, $db);
```

▼ Tampilkan Data

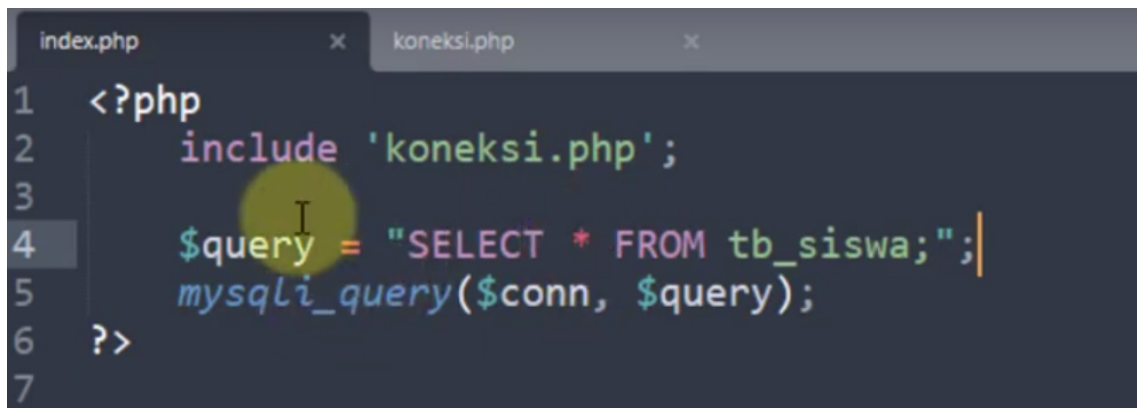
▼ query data



A screenshot of a code editor with two tabs: 'index.php' and 'koneksi.php'. The 'index.php' tab is active, showing the following code:

```
1 <?php
2     include 'koneksi.php';
3
4     mysqli_query($conn, "SELECT * FROM tb_siswa;");
5 ?>
6
```

▼ buat varibel \$query



A screenshot of a code editor with two tabs: 'index.php' and 'koneksi.php'. The 'index.php' tab is active, showing the following code:

```
1 <?php
2     include 'koneksi.php';
3
4     $query = "SELECT * FROM tb_siswa;";
5     mysqli_query($conn, $query);
6 ?>
7
```

▼ cek apakah udah jalan ?

```
<?php
    include 'koneksi.php';

    $query = "SELECT * FROM tb_siswa;";
    $sql = mysqli_query($conn, $query);

    var_dump($sql);
?>
```

← → ↻ ⓘ localhost/belajar_crud/

```
object(mysqli_result)#2 (5) { ["current_field"]=> int(0) ["field_count"]=> int(6) ["lengths"]=> NULL ["num_rows"]=> int(5) ["type"]=> int(0) }
```

CRUD - BSS

▼ Cek apakah data sudah terpanggil?

```
$result = mysqli_fetch_assoc($sql);
//var_dump($result);
echo $result['nama_siswa'];
?>
```

▼ Melakukan perulangan → tampilkan semua data

```
while($result = mysqli_fetch_assoc($sql)){
    echo $result['nama_siswa']."<br>";
}
```

▼ Tampilkan data di tabel

▼ membuat perulangan pada tabel

```

<tbody>
<?php
    while($result = mysqli_fetch_assoc($sql)){
    ?>
        <tr>
            <td><center>1.</center></td>
            <td>112233</td>
            <td>Alexander Kurniawan</td>
            <td>Laki-laki</td>
            <td>
                
            </td>
            <td>Jl. Kusuma Negara</td>
            <td>
                <a href="kelola.php?ubah=1" type="button" class="btn btn-success btn-sm">
                    <i class="fa fa-pencil"></i>
                </a>
                <a href="proses.php?hapus=1" type="button" class="btn btn-danger btn-sm">
                    <i class="fa fa-trash"></i>
                </a>
            </td>
        </tr>
    </td>
    <?php
    ?>

```

▼ menampilkan data ditabel

```

<tbody>
<?php
    while($result = mysqli_fetch_assoc($sql)){
    ?>
        <tr>
            <td><center>
                <?php echo $result['id_siswa']; ?>.
            </center></td>
            <td>
                <?php echo $result['nisn']; ?>
            </td>
            <td>
                <?php echo $result['nama_siswa']; ?>
            </td>
            <td>Laki-laki</td>
            <td>
                
            </td>
        </tr>
    </td>
    <?php
    ?>

```

▼ memperbaiki nomor

▼ variabel \$no

```
<?php
    include 'koneksi.php';

    $query = "SELECT * FROM tb_siswa;";
    $sql = mysqli_query($conn, $query);
    $no = 0;
```

▼ Tampilkan \$no

```
<tr>
    <td><center>
        <?php echo $no++; ?>.
    </center></td>
    <td>
```

▼ Struktur kendalia

▼ membuat tombol edit

```
<a href="formmhs.php?ubah=<?php echo $data['id_mhs']; ?>">
    <button>Edit</button>
</a>
```

▼ Membedakan tombol aksi tambah dan edit

```

<?php
if (isset($_GET['ubah'])) {
?>
    <button type="submit" name="aksi" value="edit">Simpan Perubahan</button>
<?php
} else {
?>
    <button type="submit" name="aksi" value="add">Simpan</button>
<?php
}
?>

```

▼ ubah method dan action di form

```

<body>
    <h1>Tambah Data Mahasiswa</h1>
    <form method="POST" action="proses.php">
        <label for="nama">Nama</label>
        <input type="text" id="nama" placeholder="masukan nama">
        <br>
        <br>
    </form>

```

▼ buat file proses.php

▼ percabangan tambah / edit

```

<?php
if(isset($_POST['aksi'])){
    if($_POST['aksi'] == "add"){
        echo "Tambah Data <a href='index.php'>[Home]</a>";
    } else if($_POST['aksi'] == "edit"){
        echo "Edit Data <a href='index.php'>[Home]</a>";
    }
}
?>

```

▼ membuat tombol hapus data

```

<a href="proses.php?hapus=<?php echo $data['id_mhs']; ?>">
    <button>Hapus</button>
</a>

```


▼ proses hapus data

```
if(isset($_GET['hapus'])){  
    echo "Hapus Data <a href='index.php'>[Home]</a>";  
}
```

Note : Sesuaikan Field Database (id_mhs, nama_mhs)

▼ Tambahkan data

▼ berikan "name" pada inputan

```
<label for="nama_mhs">Nama</label>  
<input type="text" name="nama_mhs" id="nama_mhs" placeholder="masukan nama">  
<br>  
<br>  
<label for="nim">NIM</label>  
<input type="number" name="nim" id="nim" placeholder="masukan nim">  
<br>  
<br>  
<label for="jk">jenis Kelamin</label>  
<select name="jk" id="jk">  
    <option value="">-- Pilih --</option>  
    <option value="lk">Laki - Laki</option>  
    <option value="pr">Perempuan</option>  
</select>  
<br>  
<br>  
<label for="no_hp">Nomor HP</label>  
<input type="number" name="no_hp" id="no_hp" placeholder="masukan nomor hp">  
<br>  
<br>  
<label for="dsn_wali">Dosen Wali</label>  
<select name="dosen_wali" id="dosen_wali">
```

▼ Tes apakah data udah dapat di ambil

```
<?php  
if (isset($_POST['aksi'])) {  
    if ($_POST['aksi'] == "add") {  
        var_dump($_POST);  
        die();  
        echo "Data berhasil ditambahkan";  
    }  
}
```

```
Penggabungan baris ☐
1 array(7) {
2     ["nama_mhs"]=>
3     string(5) "fdsaf"
4     ["nim"]=>
5     string(4) "1323"
6     ["jk"]=>
7     string(2) "pr"
8     ["no_hp"]=>
9     string(4) "3432"
10    ["dosen_wali"]=>
11    string(1) "1"
12    ["unit"]=>
13    string(1) "1"
14    ["aksi"]=>
15    string(3) "add"
16 }
17
```

▼ Tampung data dalam variabel

```
$nama = $_POST['nama_mhs'];
$nim = $_POST['nim'];
$jk = $_POST['jk'];
$no_hp = $_POST['no_hp'];
$dsn_wali = $_POST['dsn_wali'];
$unit = $_POST['unit'];
```

▼ Tes apakah data berhasil di tampung

```
echo $nama . " | " . $nim . " | " . $jk . " | " . $no_hp . " | " . $dsn_wali . " | " . $unit . " | ";
echo "<br> Tambah Data <a href='index.php'>[Home]</a>";
```

▼ tambahkan koneksi di proses.php

```

1 <?php
2
3 //Koneksi Databse
4 include 'koneksi.php';
5
6

```

▼ proses tambahkan data

```

$query = "INSERT INTO mahasiswa VALUES (null, '$nama', '$nim', '$jk', '$no_hp', '$dsn_wali', '$unit')";
$sql = mysqli_query($conn, $query);

```

```

if ($sql) {
    // echo "Data berhasil ditambahkan <a href='index.php'>[Home]</a>";
    // alert("Data berhasil ditambahkan");
    // header("location:index.php");
    echo "<script>alert('Data Berhasil Disimpan');window.location='index.php?app=abstrak';</script>";
} else {
    echo "Data gagal ditambahkan ";
    // echo $query;
}

```

coming soon

▼ Hapus Data

NOTE : Cara Nutup XAMPP yang baik dan benar