

## Mini Project PSB

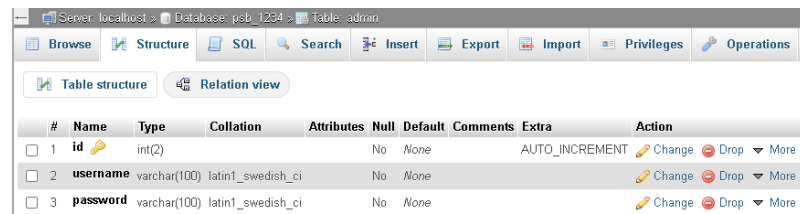
Pada praktikum ini akan dibahas mengenai sebuah mini project aplikasi penerimaan siswa baru (PSB), pada aplikasi ini akan memiliki beberapa fitur di antaranya :

1. Pendaftaran secara online
2. Pengumuman siswa yang diterima
3. Persetujuan dari admin
4. Manajemen data calon siswa (Edit, Hapus)
5. Manajemen berita beserta kategori berita

Langkah-langkahnya adalah sebagai berikut :

1. Buatlah database dengan nama psb\_xxxx (4 digit NIM terakhir)
2. Kemudian buat beberapa tabel berikut ini

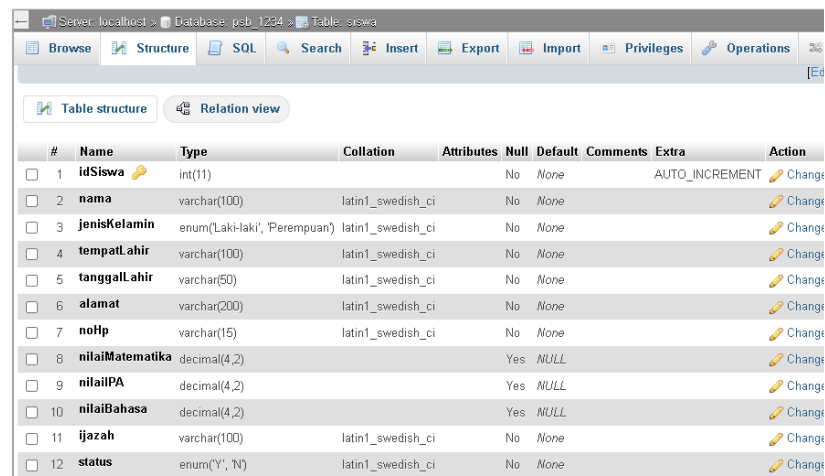
### a. Tabel admin



The screenshot shows the MySQL Table Structure for the 'admin' table. The table has three columns: 'id' (int(2), AUTO\_INCREMENT), 'username' (varchar(100), latin1\_swedish\_ci), and 'password' (varchar(100), latin1\_swedish\_ci). All columns are NOT NULL and have no default values. The 'id' column is the primary key.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(2)			No	None		AUTO_INCREMENT	Change Drop More
2	username	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
3	password	varchar(100)	latin1_swedish_ci		No	None			Change Drop More

### b. Tabel siswa



The screenshot shows the MySQL Table Structure for the 'siswa' table. The table has 12 columns: 'idSiswa' (int(11), AUTO\_INCREMENT), 'nama' (varchar(100), latin1\_swedish\_ci), 'jenisKelamin' (enum('Laki-laki', 'Perempuan'), latin1\_swedish\_ci), 'tempatLahir' (varchar(100), latin1\_swedish\_ci), 'tanggalLahir' (varchar(50), latin1\_swedish\_ci), 'alamat' (varchar(200), latin1\_swedish\_ci), 'noHp' (varchar(15), latin1\_swedish\_ci), 'nilaiMatematika' (decimal(4,2), Yes, NULL), 'nilaiIPA' (decimal(4,2), Yes, NULL), 'nilaiBahasa' (decimal(4,2), Yes, NULL), 'ijazah' (varchar(100), latin1\_swedish\_ci), and 'status' (enum('Y', 'N'), latin1\_swedish\_ci). All columns are NOT NULL except for 'nilaiMatematika', 'nilaiIPA', and 'nilaiBahasa' which are NULL. The 'idSiswa' column is the primary key.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	idSiswa	int(11)			No	None		AUTO_INCREMENT	Change
2	nama	varchar(100)	latin1_swedish_ci		No	None			Change
3	jenisKelamin	enum('Laki-laki', 'Perempuan')	latin1_swedish_ci		No	None			Change
4	tempatLahir	varchar(100)	latin1_swedish_ci		No	None			Change
5	tanggalLahir	varchar(50)	latin1_swedish_ci		No	None			Change
6	alamat	varchar(200)	latin1_swedish_ci		No	None			Change
7	noHp	varchar(15)	latin1_swedish_ci		No	None			Change
8	nilaiMatematika	decimal(4,2)			Yes	NULL			Change
9	nilaiIPA	decimal(4,2)			Yes	NULL			Change
10	nilaiBahasa	decimal(4,2)			Yes	NULL			Change
11	ijazah	varchar(100)	latin1_swedish_ci		No	None			Change
12	status	enum('Y', 'N')	latin1_swedish_ci		No	None			Change

### c. Tabel kategori



The screenshot shows the MySQL Table Structure for the 'kategori' table. The table has two columns: 'idKategori' (int(5), AUTO\_INCREMENT) and 'nama' (varchar(100), latin1\_swedish\_ci). Both columns are NOT NULL and have no default values. The 'idKategori' column is the primary key.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	idKategori	int(5)			No	None		AUTO_INCREMENT	Change Drop More
2	nama	varchar(100)	latin1_swedish_ci		No	None			Change Drop More

### d. Tabel berita

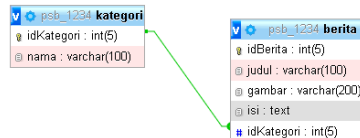
Server: localhost > Database: psb\_1234 > Table: berita

Browse Structure SQL Search Insert Export Import Privileges Operations Tr

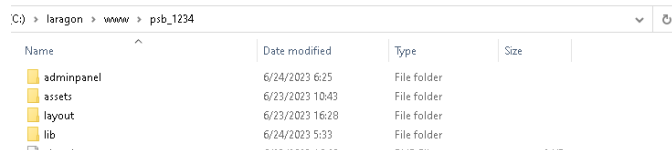
Table structure Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	idBerita	int(5)			No	None		AUTO_INCREMENT	Change Drop More
2	judul	varchar(100)	latin1_swedish_ci		No	None			Change Drop More
3	gambar	varchar(200)	latin1_swedish_ci		No	None			Change Drop More
4	isi	text	latin1_swedish_ci		Yes	NULL			Change Drop More
5	idKategori	int(5)			Yes	NULL			Change Drop More

Tabel kategori direlasikan dengan tabel berita



- Buatlah sebuah folder project di dalam httdocs dengan nama psb\_xxxx (4 digit NIM terakhir)  
Didalam folder psb\_1234 buatlah beberapa folder berikut, sehingga strukturnya menjadi seperti di bawah ini :



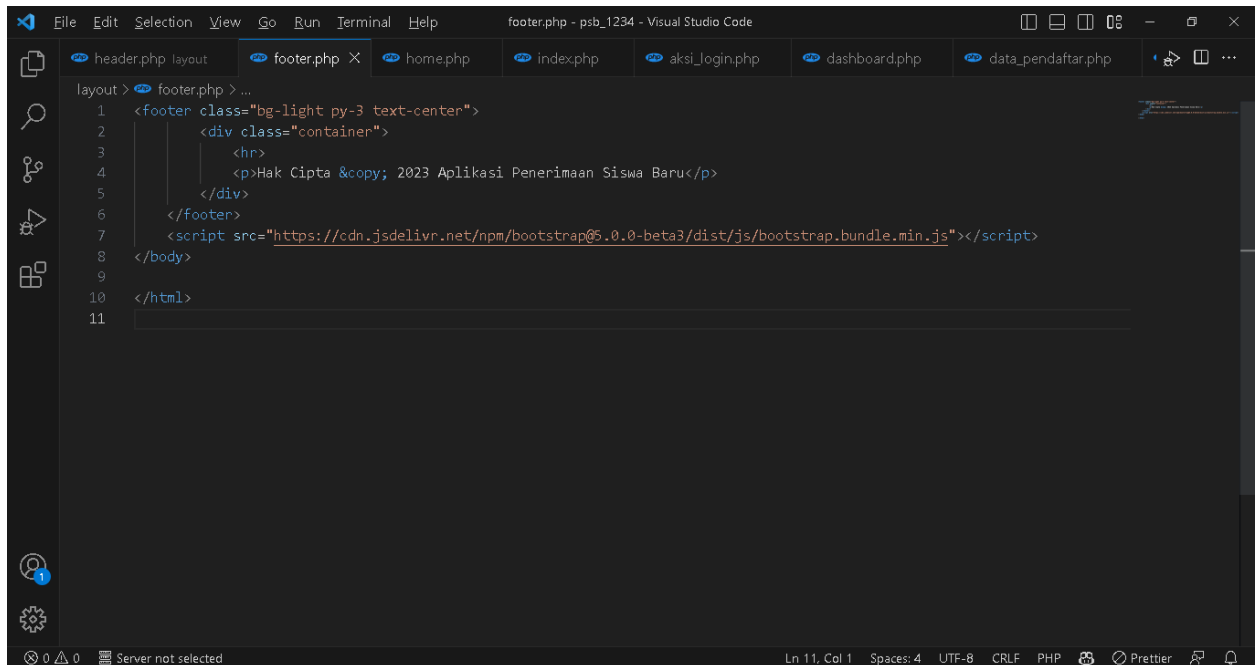
- Buatlah file dengan nama header.php dan simpan di dalam folder layout

```

File Edit Selection View Go Run Terminal Help header.php - psb_1234 - Visual Studio Code
header.php layout X home.php index.php aksi_login.php dashboard.php data_pendaftar.php header.php admin
layout > header.php > html > body > header > nav.navbar.navbar-expand-lg.navbar-lightbg-light
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4 <meta charset="UTF-8">
5 <meta name="viewport" content="width=device-width, initial-scale=1.0">
6 <title>Penerimaan Siswa Baru</title>
7 <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css">
8 </head>
9 <body>
10 <header>
11 <nav class="navbar navbar-expand-lg navbar-light bg-light">
12 <div class="container">
13 <a class="navbar-brand" href="home.php">Aplikasi Penerimaan Siswa Baru</a>
14 <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
15 data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false"
16 aria-label="Toggle navigation">
17 <span class="navbar-toggler-icon"></span>
18 </button>
19 <div class="collapse navbar-collapse" id="navbarNav">
20 <ul class="navbar-nav ml-auto">
21 <li class="nav-item"><a class="nav-link" href="#">Beranda</a></li>
22 <li class="nav-item"><a class="nav-link" href="#features">Alur Pendaftaran</a></li>
23 <li class="nav-item"><a class="nav-link" href="#contact">Hasil Perengkingan</a></li>
24 <li class="nav-item"><a class="nav-link" href="#contact">Hubungi Kami</a></li>
25 </ul></div></div></nav></header>

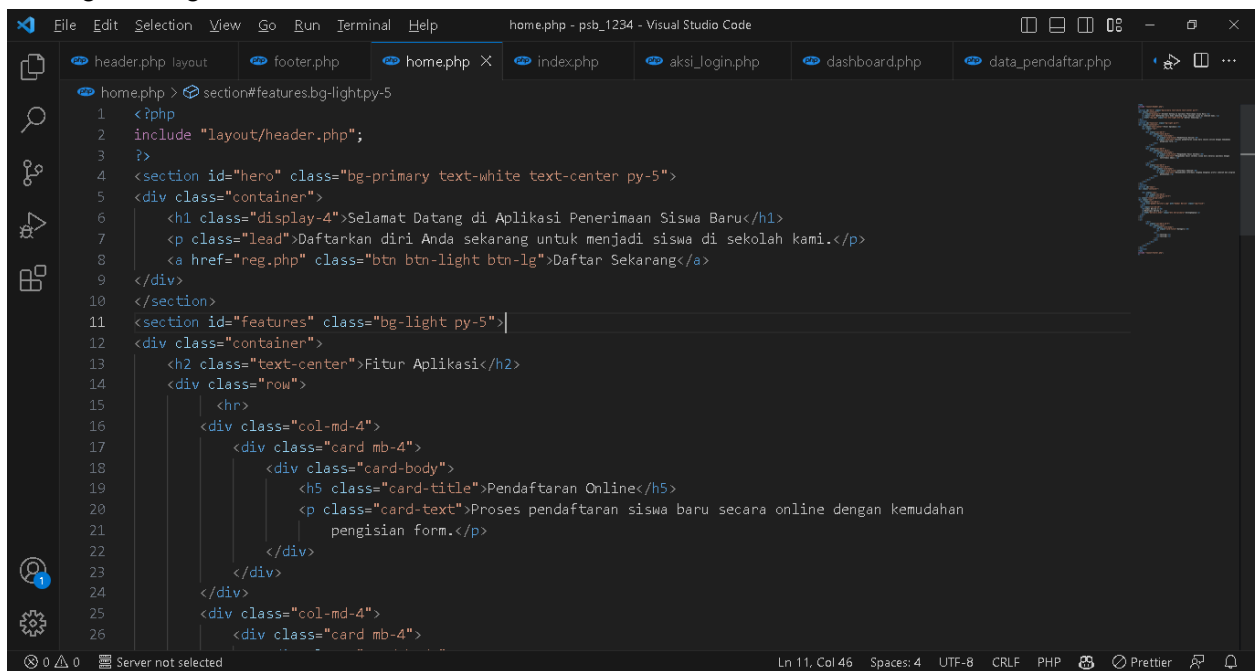
```

- Buatlah file dengan nama footer.php dan simpan di folder layout



```
1 <footer class="bg-light py-3 text-center">
2   <div class="container">
3     <hr>
4     <p>Hak Cipta &copy; 2023 Aplikasi Penerimaan Siswa Baru</p>
5   </div>
6 </footer>
7 <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta3/dist/js/bootstrap.bundle.min.js"></script>
8 </body>
9
10 </html>
11
```

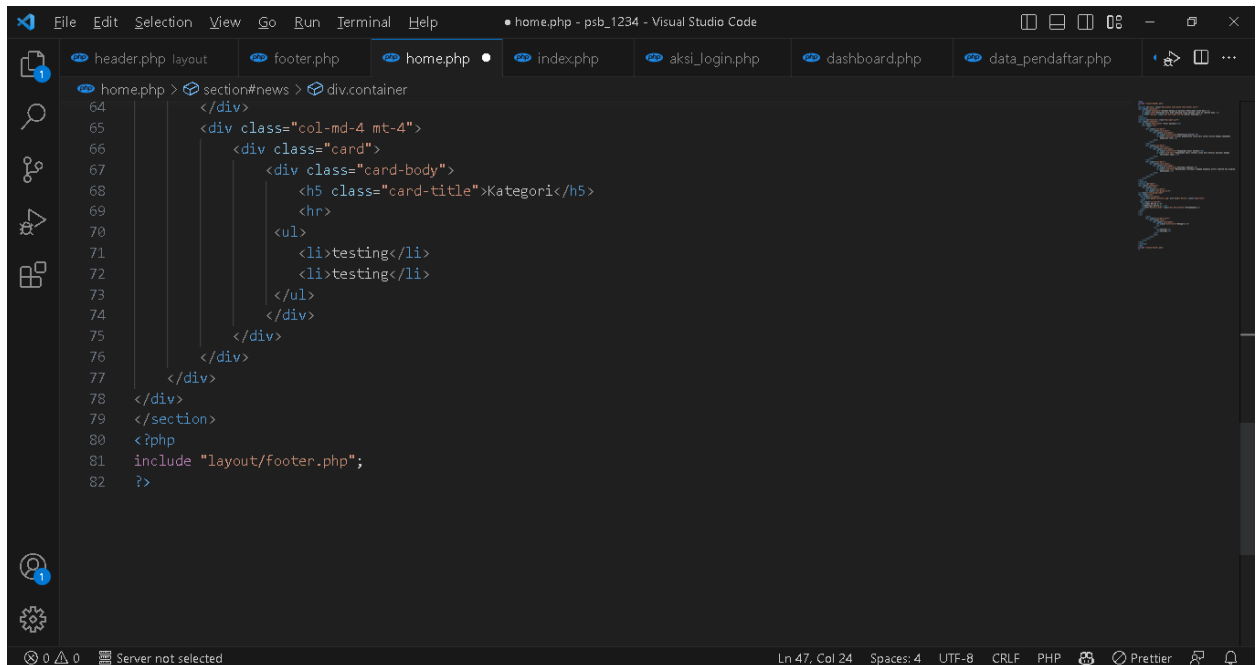
6. Buatlah sebuah file dengan nama index.php dan simpan di dalam folder project masing-masing



```
1 <?php
2 include "layout/header.php";
3 ?>
4 <section id="hero" class="bg-primary text-white text-center py-5">
5   <div class="container">
6     <h1 class="display-4">Selamat Datang di Aplikasi Penerimaan Siswa Baru</h1>
7     <p class="lead">Daftarkan diri Anda sekarang untuk menjadi siswa di sekolah kami.</p>
8     <a href="reg.php" class="btn btn-light btn-lg">Daftar Sekarang</a>
9   </div>
10 </section>
11 <section id="features" class="bg-light py-5">
12   <div class="container">
13     <h2 class="text-center">Fitur Aplikasi</h2>
14     <div class="row">
15       <hr>
16       <div class="col-md-4">
17         <div class="card mb-4">
18           <div class="card-body">
19             <h5 class="card-title">Pendaftaran Online</h5>
20             <p class="card-text">Proses pendaftaran siswa baru secara online dengan kemudahan pengisian form.</p>
21           </div>
22         </div>
23       </div>
24     </div>
25     <div class="col-md-4">
26       <div class="card mb-4">
```

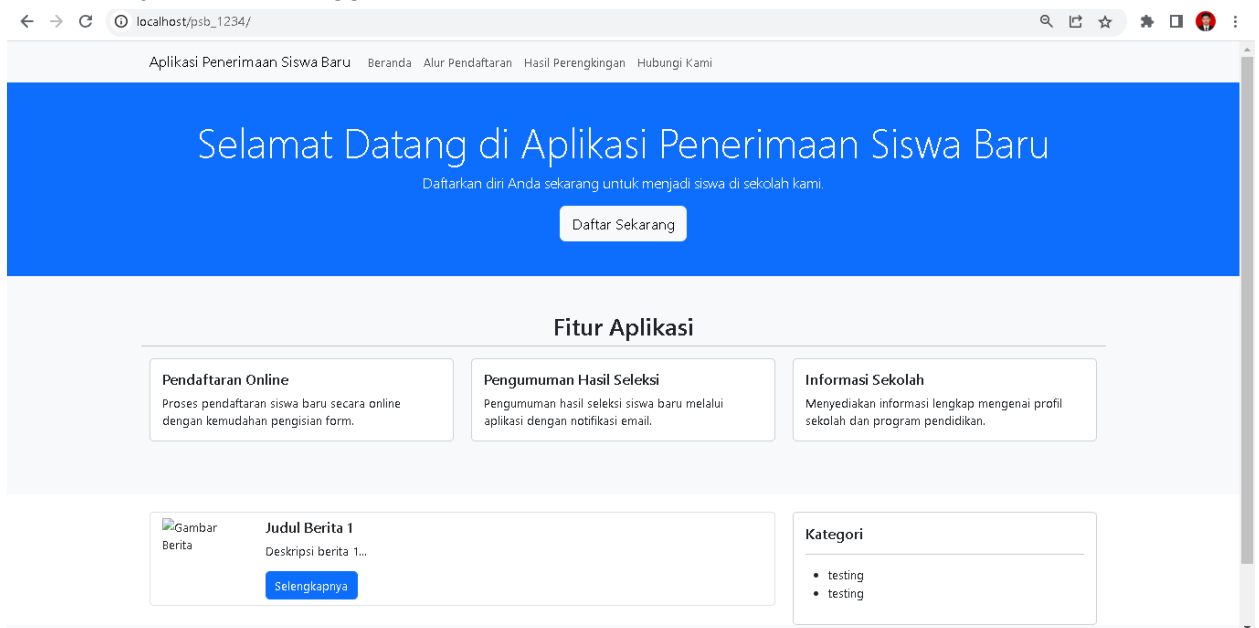
```
File Edit Selection View Go Run Terminal Help • home.php - psb_1234 - Visual Studio Code
header.php layout footer.php home.php index.php aksi_login.php dashboard.php data_pendaftar.php
home.php > section#news > div.container
25     <div class="col-md-4">
26         <div class="card mb-4">
27             <div class="card-body">
28                 <h5 class="card-title">Pengumuman Hasil Seleksi</h5>
29                 <p class="card-text">Pengumuman hasil seleksi siswa baru melalui aplikasi dengan
30                     notifikasi email.</p>
31             </div>
32         </div>
33     </div>
34     <div class="col-md-4">
35         <div class="card mb-4">
36             <div class="card-body">
37                 <h5 class="card-title">Informasi Sekolah</h5>
38                 <p class="card-text">Menyediakan informasi lengkap mengenai profil sekolah dan program
39                     pendidikan.</p>
40             </div>
41         </div>
42     </div>
43 </div>
44 </section>
45 </section>
46 <section id="news">
47 <div class="container">
48     <div class="row">
49         <div class="col-md-8">
50             <ul class="list-group mt-4">
```

```
File Edit Selection View Go Run Terminal Help • home.php - psb_1234 - Visual Studio Code
header.php layout footer.php home.php index.php aksi_login.php dashboard.php data_pendaftar.php
home.php > section#news > div.container
46 <section id="news">
47 <div class="container">
48     <div class="row">
49         <div class="col-md-8">
50             <ul class="list-group mt-4">
51 <li class="list-group-item">
52 <div class="row">
53     <div class="col-md-2">
54         
55     </div>
56     <div class="col-md-10">
57         <h5>Judul Berita 1</h5>
58         <p>Deskripsi berita 1...</p>
59         <a href="berita-1.html" class="btn btn-primary">Selengkapnya</a>
60     </div>
61 </div>
62 </li>
63 </ul>
64 </div>
65 <div class="col-md-4 mt-4">
66     <div class="card">
67         <div class="card-body">
68             <h5 class="card-title">Kategori</h5>
69             <hr>
70             <ul>
71                 <li>testing</li>
```



```
64 </div>
65 <div class="col-md-4 mt-4">
66 <div class="card">
67 <div class="card-body">
68 <h5 class="card-title">Kategori</h5>
69 <hr>
70 <ul>
71 <li>testing</li>
72 <li>testing</li>
73 </ul>
74 </div>
75 </div>
76 </div>
77 </div>
78 </div>
79 </section>
80 <?php
81 include "layout/footer.php";
82 ?>
```

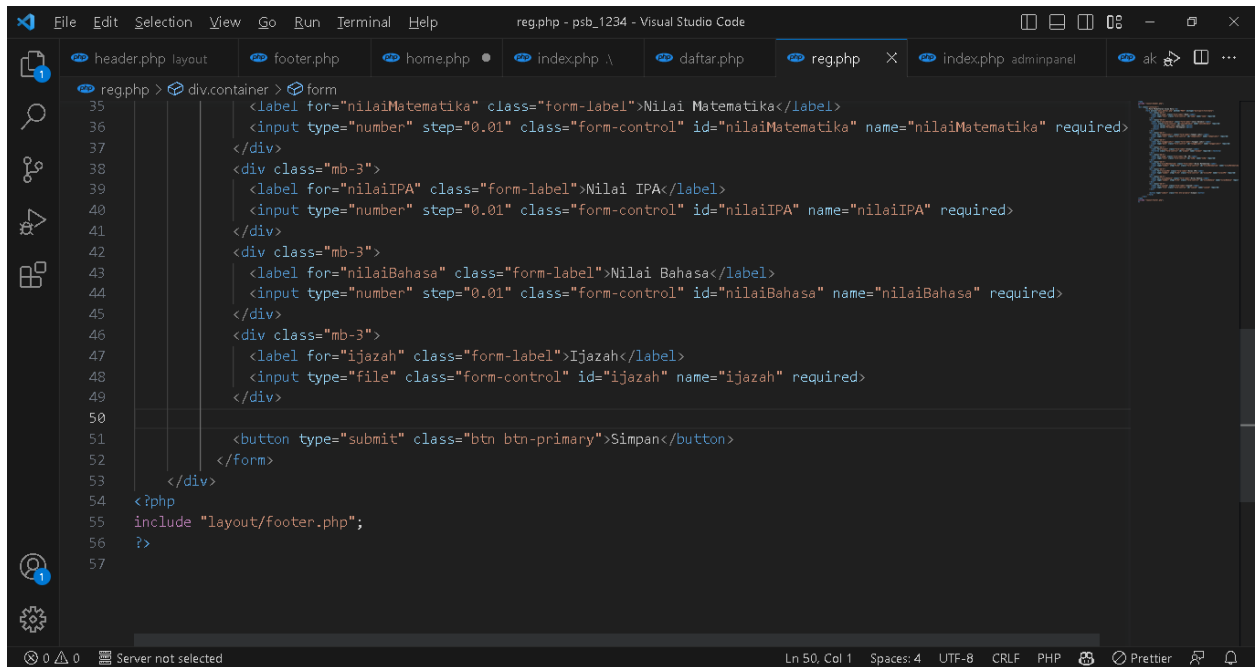
7. Kemudian jalankan sehingga menampilkan tampilan seperti dibawah ini



8. Buatlah file dengan nama reg.php yang berisi kode seperti di bawah ini

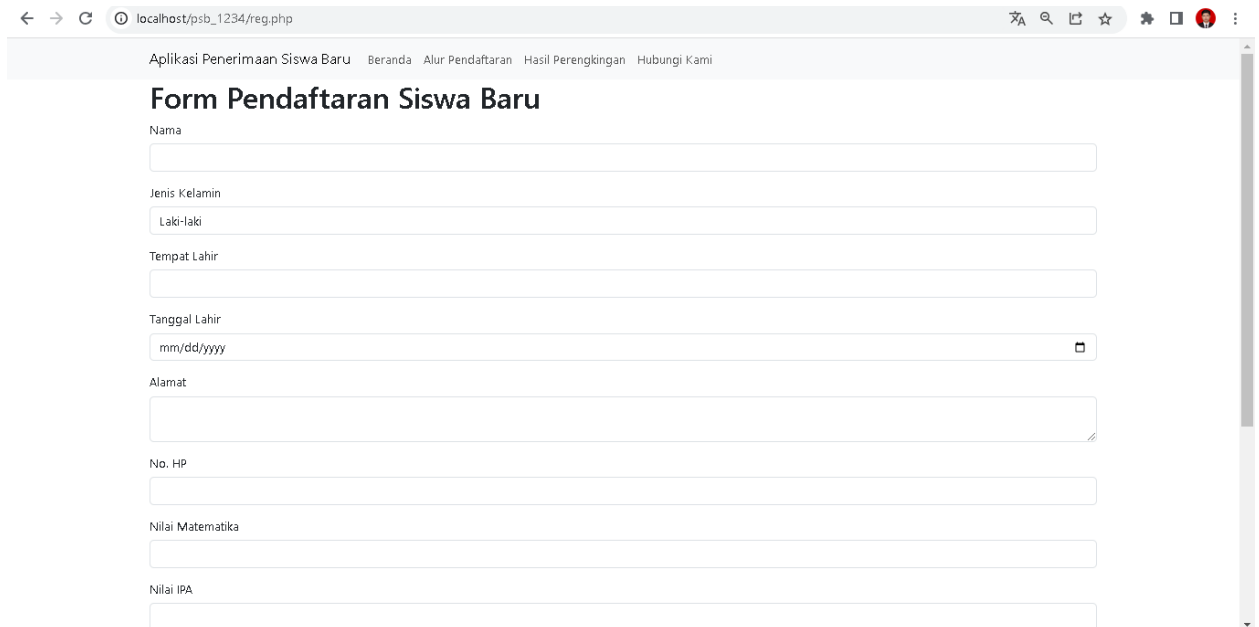
```
File Edit Selection View Go Run Terminal Help reg.php - psb_1234 - Visual Studio Code
header.php layout footer.php home.php index.php \ daftar.php reg.php index.php adminpanel ak ...
reg.php > div.container > form
1 <?php
2 include "layout/header.php";
3 ?>
4 <div class="container">
5     <h1>Form Pendaftaran Siswa Baru</h1>
6     <form action="aksi_daftar.php" method="POST" enctype="multipart/form-data">
7         <div class="mb-3">
8             <label for="nama" class="form-label">Nama</label>
9             <input type="text" class="form-control" id="nama" name="nama" required>
10        </div>
11        <div class="mb-3">
12            <label for="jenisKelamin" class="form-label">Jenis Kelamin</label>
13            <select class="form-control" id="jenisKelamin" name="jenisKelamin" required>
14                <option value="Laki-laki">Laki-laki</option>
15                <option value="Perempuan">Perempuan</option>
16            </select>
17        </div>
18        <div class="mb-3">
19            <label for="tempatLahir" class="form-label">Tempat Lahir</label>
20            <input type="text" class="form-control" id="tempatLahir" name="tempatLahir" required>
21        </div>
22        <div class="mb-3">
23            <label for="tanggalLahir" class="form-label">Tanggal Lahir</label>
24            <input type="date" class="form-control" id="tanggalLahir" name="tanggalLahir" required>
25        </div>
26        <div class="mb-3">
```

```
File Edit Selection View Go Run Terminal Help reg.php - psb_1234 - Visual Studio Code
header.php layout footer.php home.php index.php \ daftar.php reg.php index.php adminpanel ak ...
reg.php > div.container > form
25 </div>
26 <div class="mb-3">
27     <label for="alamat" class="form-label">Alamat</label>
28     <textarea class="form-control" id="alamat" name="alamat" required></textarea>
29 </div>
30 <div class="mb-3">
31     <label for="noHp" class="form-label">No. HP</label>
32     <input type="text" class="form-control" id="noHp" name="noHp" required>
33 </div>
34 <div class="mb-3">
35     <label for="nilaiMatematika" class="form-label">Nilai Matematika</label>
36     <input type="number" step="0.01" class="form-control" id="nilaiMatematika" name="nilaiMatematika" required>
37 </div>
38 <div class="mb-3">
39     <label for="nilaiIPA" class="form-label">Nilai IPA</label>
40     <input type="number" step="0.01" class="form-control" id="nilaiIPA" name="nilaiIPA" required>
41 </div>
42 <div class="mb-3">
43     <label for="nilaiBahasa" class="form-label">Nilai Bahasa</label>
44     <input type="number" step="0.01" class="form-control" id="nilaiBahasa" name="nilaiBahasa" required>
45 </div>
46 <div class="mb-3">
47     <label for="ijazah" class="form-label">Ijazah</label>
48     <input type="file" class="form-control" id="ijazah" name="ijazah" required>
49 </div>
50 <div class="mb-3">
```



```
35 <label for="nilaiMatematika" class="form-label">Nilai Matematika</label>
36 <input type="number" step="0.01" class="form-control" id="nilaiMatematika" name="nilaiMatematika" required>
37 </div>
38 <div class="mb-3">
39 <label for="nilaiIPA" class="form-label">Nilai IPA</label>
40 <input type="number" step="0.01" class="form-control" id="nilaiIPA" name="nilaiIPA" required>
41 </div>
42 <div class="mb-3">
43 <label for="nilaiBahasa" class="form-label">Nilai Bahasa</label>
44 <input type="number" step="0.01" class="form-control" id="nilaiBahasa" name="nilaiBahasa" required>
45 </div>
46 <div class="mb-3">
47 <label for="ijazah" class="form-label">Ijazah</label>
48 <input type="file" class="form-control" id="ijazah" name="ijazah" required>
49 </div>
50
51 <button type="submit" class="btn btn-primary">Simpan</button>
52 </form>
53 </div>
54 <?php
55 include "layout/footer.php";
56 ?>
57
```

9. Jalankan file tersebut sehingga menampilkan hasil seperti di bawah ini :



Apikasi Penerimaan Siswa Baru Beranda Alur Pendaftaran Hasil Perengkingan Hubungi Kami

## Form Pendaftaran Siswa Baru

Nama

Jenis Kelamin

Tempat Lahir

Tanggal Lahir

Alamat

No. HP

Nilai Matematika

Nilai IPA

10.