

**LAPORAN DOKUMENTASI
PEMROGRAMAN WEB 2 (TUGAS 4)**

Dosen Pengampu :
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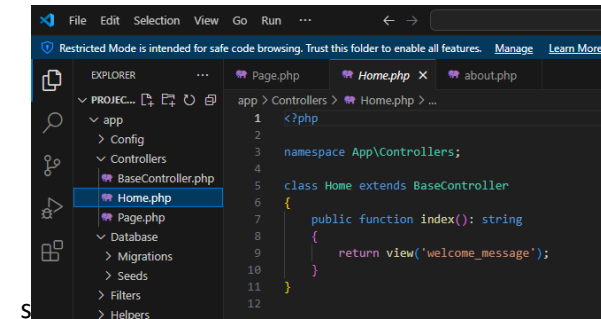


Disusun oleh :
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**PRODI SISTEM INFORMASI FAKULTAS SAINS DAN TEKNOLOGI
UNIVERSITAS PESANTREN TINGGI DARUL ULUM JOMBANG
2024**

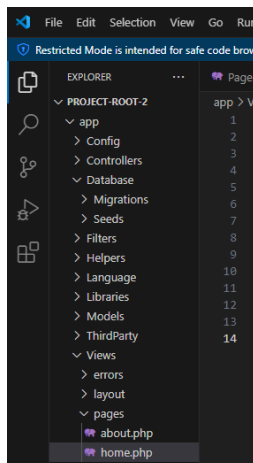
Buat Controller

- Buat Controller baru bernama Pages.php dan lakukan pengetesan dengan melakukan perintah localhost:8080/pages



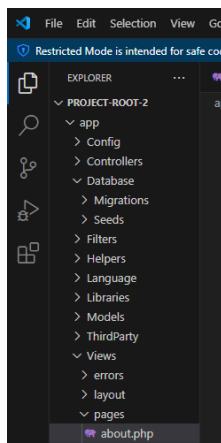
Membuat File di View

- Buatlah file home.php di folder view



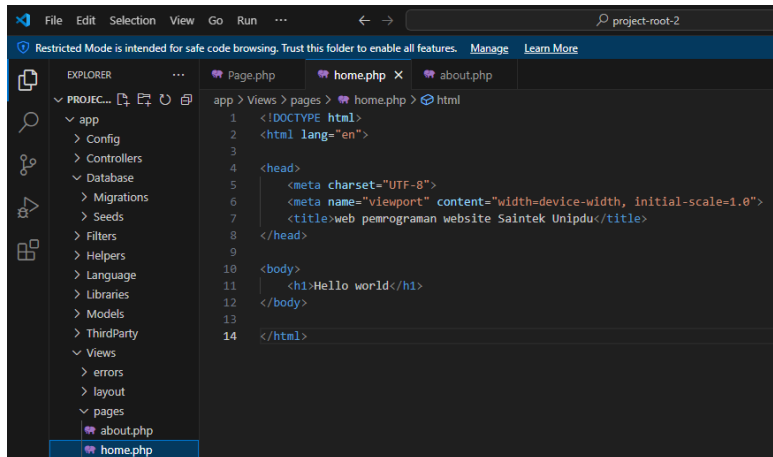
Buat View

- Buatlah file about.php di view



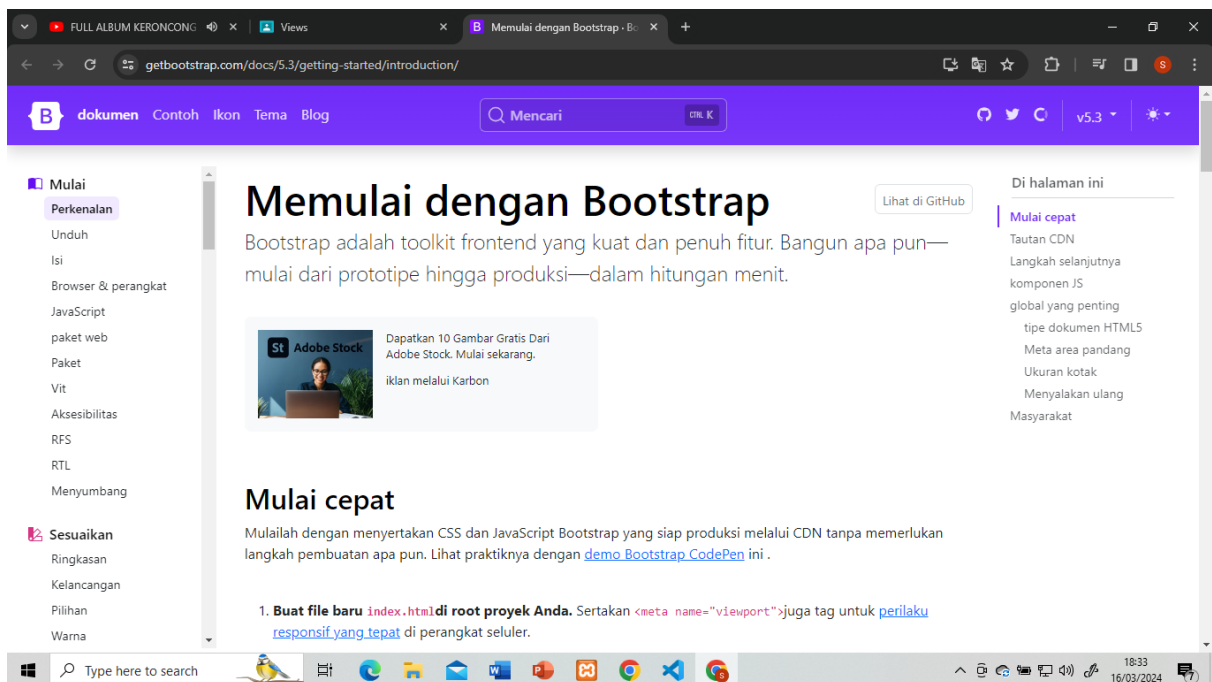
Lanjutan

- Buatlah folder baru di bawah folder view dengan nama pages
- Pindahkan dua file yang sudah dibuat ke folder pages
- Ubahlah alamat controller-nya biar tidak error

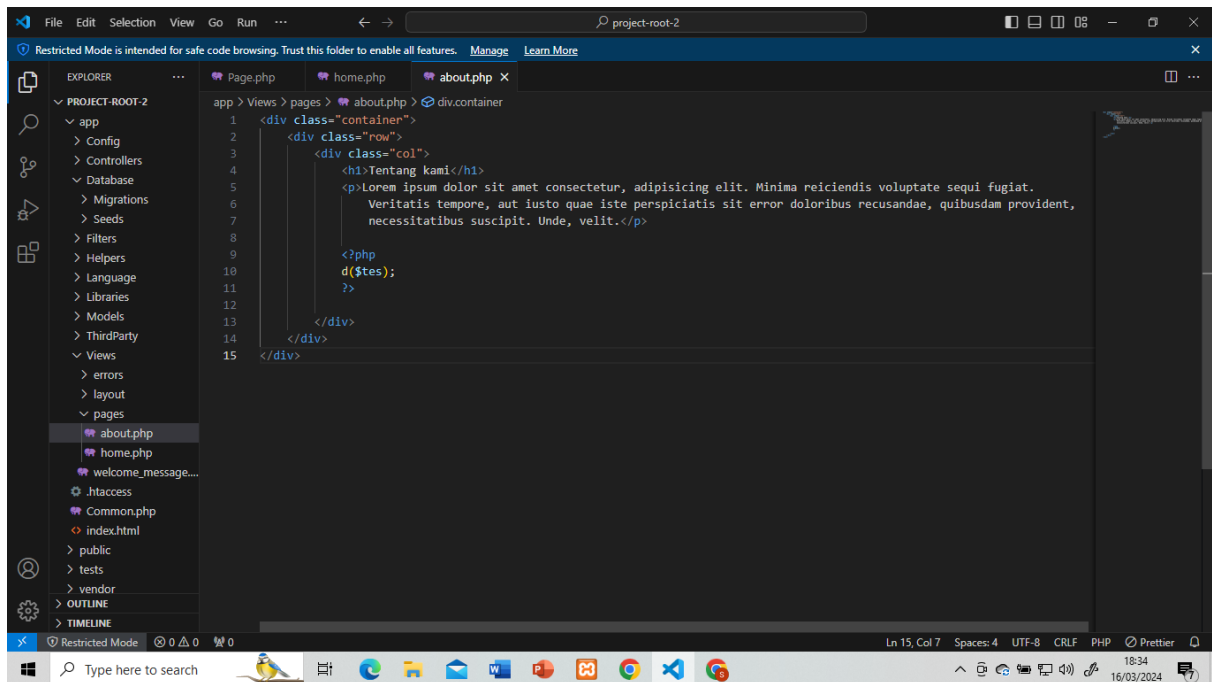


Buat View dengan Bootstrap

- Buka link <https://getbootstrap.com/docs/5.3/getting-started/introduction/>
- Atau ketik kode geeting start

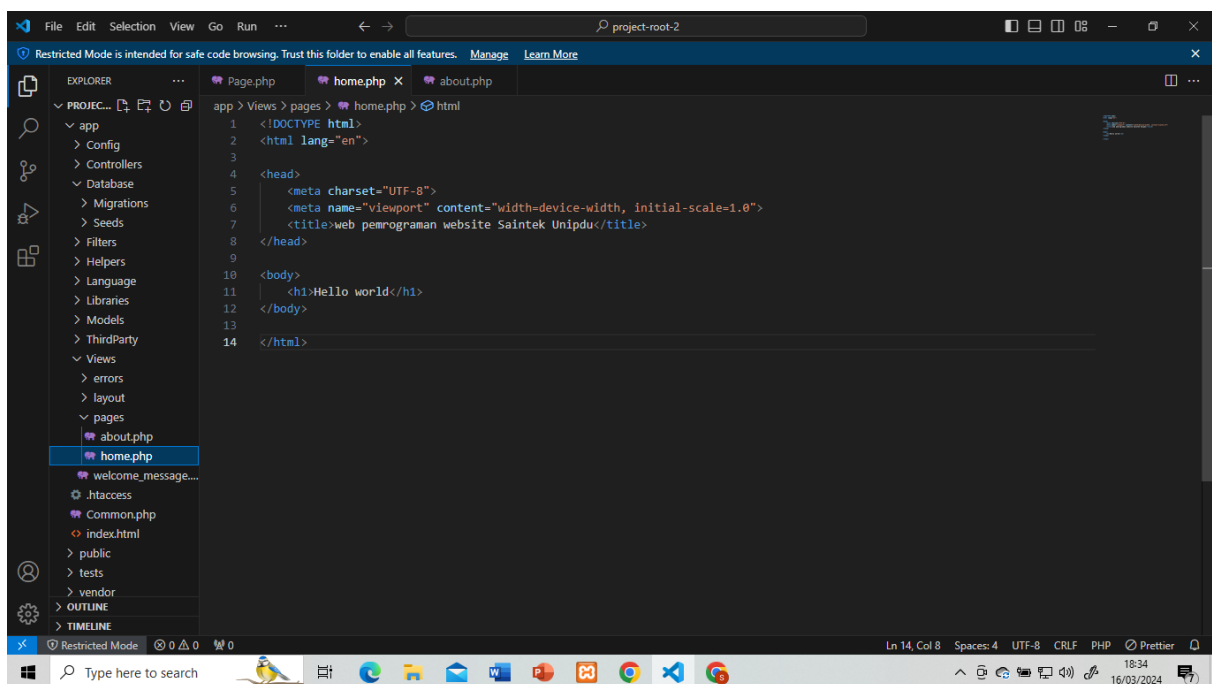


- Timpa kode html tersebut ke file home dan about



The screenshot shows the Visual Studio Code editor interface. The Explorer panel on the left displays the project structure for 'PROJECT-ROOT-2', with the 'pages' folder expanded and 'about.php' selected. The main editor area shows the content of 'about.php', which is a Blade template. It features a container div with a row of two columns. The first column contains an h1 heading 'Tentang kami' and a paragraph of Lorem Ipsum text. The second column contains a PHP snippet that outputs the value of a variable named '\$tes'.

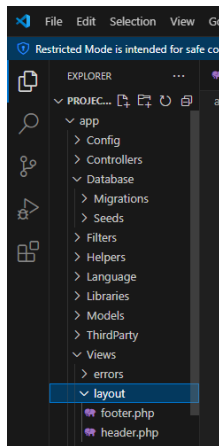
```
1 <div class="container">
2   <div class="row">
3     <div class="col">
4       <h1>Tentang kami</h1>
5       <p>Lorem ipsum dolor sit amet consectetur, adipisicing elit. Minima reiciendis voluptate sequi fugiat.
6         Veritatis tempore, aut iusto quae iste perspiciatis sit error doloribus recusandae, quibusdam provident,
7         necessitatibus suscipit. Unde, velit.</p>
8     </div>
9     <?php
10      d($tes);
11    </div>
12  </div>
13
14
15 </div>
```



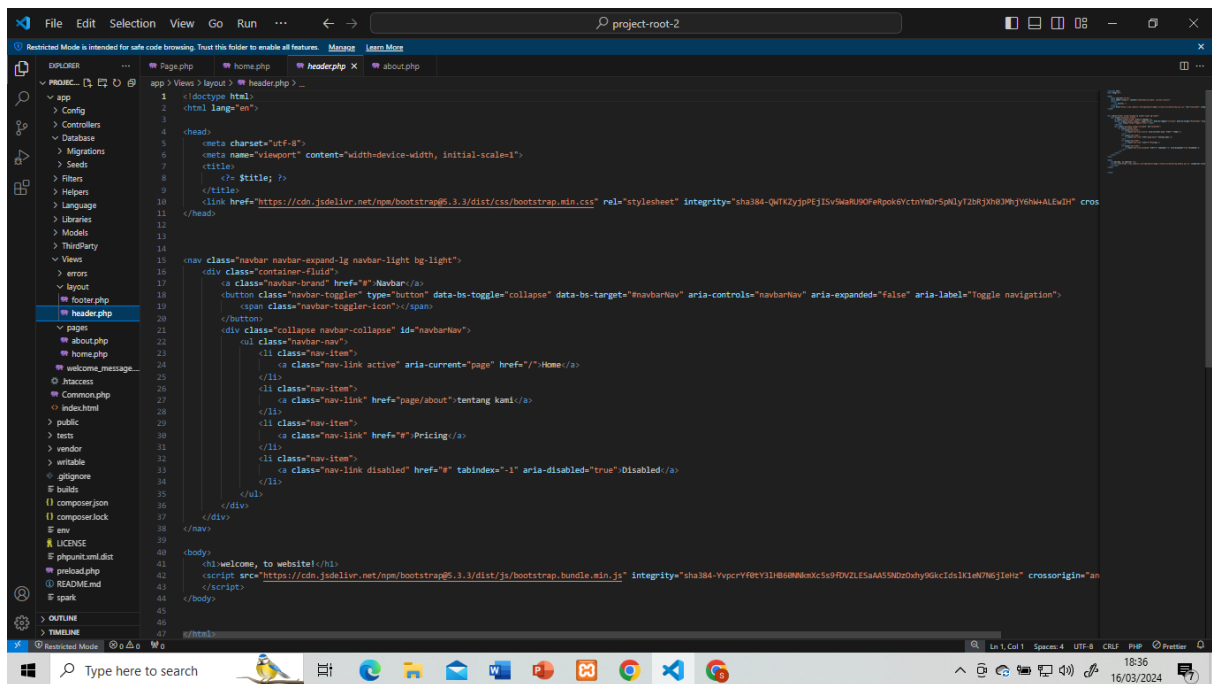
The screenshot shows the Visual Studio Code editor interface. The Explorer panel on the left displays the project structure for 'PROJECT-ROOT-2', with the 'pages' folder expanded and 'home.php' selected. The main editor area shows the content of 'home.php', which is a standard HTML5 boilerplate. It includes a DOCTYPE declaration, language attribute, meta tags for charset and viewport, a title 'Web pemrograman website Saintek Unipdu', and a body containing a single h1 heading 'Hello world'.

```
1 <!DOCTYPE html>
2 <html lang="en">
3
4   <head>
5     <meta charset="UTF-8">
6     <meta name="viewport" content="width=device-width, initial-scale=1.0">
7     <title>Web pemrograman website Saintek Unipdu</title>
8   </head>
9
10  <body>
11    <h1>Hello world</h1>
12  </body>
13
14 </html>
```

- Kemudian buatlah folder layout
- Buat file header.php dan footer.php



- Cut script dari html sampai <body> ke file header



- Cut <script> sampai </html> ke file footer

```

1 <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js"
2   integrity="sha384-YvpcrYf0tY3lHB60NNkmXcSs9FDVLESaAA5SNDz0xhy9GkcIdslK1eN7W6jIeH2" crossorigin="anonymous">
3 </script>
4 <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.11.8/dist/umd/popper.min.js"
5   integrity="sha384-I7E8VVO/ismYTF4hMIPjVp/ZjvgyoL6VfvrkX/VR+Vc4jQkC+hVqc2pM80Dewa9n" crossorigin="anonymous">
6 </script>
7 <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.min.js"
8   integrity="sha384-0pUGzvbkm6XF6gxJEnlmuGrJXVbNuzT9q88AvbLwCsOGabYfZ060t0toSeqrupTly" crossorigin="anonymous">
9 </script>
10 </body>
11
12 </html>

```

Menambahkan Menu

- Tambahkan script navbar atau menu di header setelah tag body

```

2 <html lang="en">
15 <nav class="navbar navbar-expand-lg navbar-light bg-light">
16 <div class="container-fluid">
17 <a class="navbar-brand" href="#">Navbar</a>
18 <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav" aria-controls="navbarNav"
19   <span class="navbar-toggler-icon"></span>
20 </button>
21 <div class="collapse navbar-collapse" id="navbarNav">
22 <ul class="navbar-nav">
23 <li class="nav-item">
24 <a class="nav-link active" aria-current="page" href="/">Home</a>
25 </li>
26 <li class="nav-item">
27 <a class="nav-link" href="page/about">tentang kami</a>
28 </li>
29 <li class="nav-item">
30 <a class="nav-link" href="#">Pricing</a>
31 </li>
32 <li class="nav-item">
33 <a class="nav-link disabled" href="#" tabindex="-1" aria-disabled="true">Disabled</a>
34 </li>
35 </ul>
36 </div>
37 </div>
38 </nav>
39
40 <body>
41 <h1>welcome, to website!</h1>
42 <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-YvpcrYf0tY3lHB60NNkmXcSs9FDVLESaAA5SNDz0xhy9GkcIdslK1eN7W6jIeH2"
43 </script>
44 </body>

```

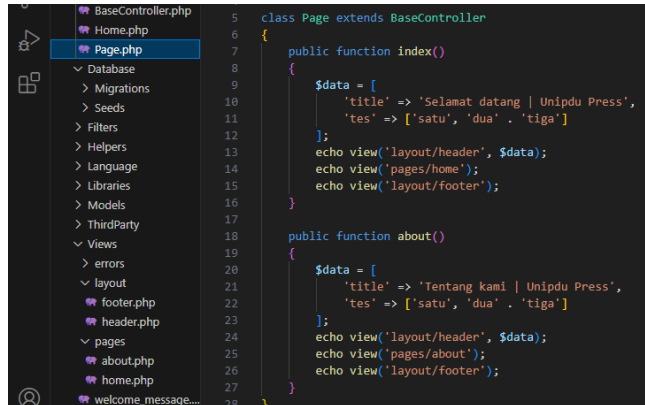
- Jika error ubah file route ganti Home::index

Akses Link Menu

- Bisa memakai / atau /page/about pada link
- Atau menambahkan

Menambahkan Judul Page

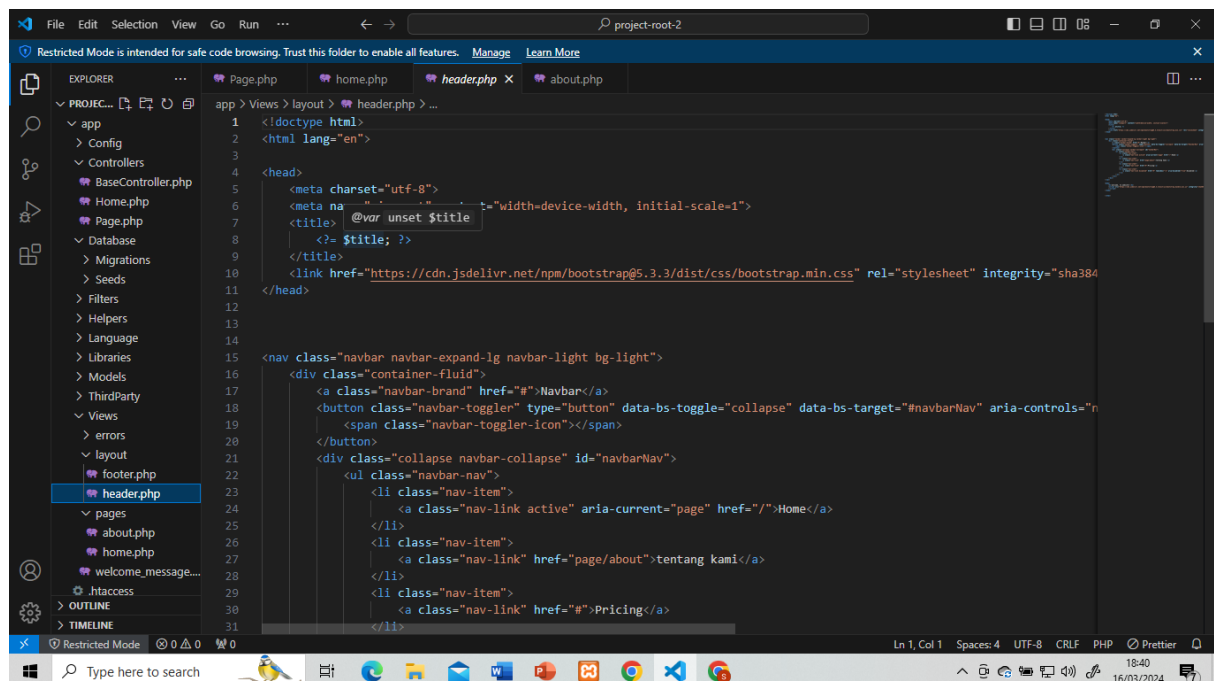
- Buka Controller Page.php
- Tambahkan script data title dibawah ini di method index dan about



```
class Page extends BaseController
{
    public function index()
    {
        $data = [
            'title' => 'Selamat datang | Unipdu Press',
            'tes' => ['satu', 'dua' . 'tiga']
        ];
        echo view('layout/header', $data);
        echo view('pages/home');
        echo view('layout/footer');
    }

    public function about()
    {
        $data = [
            'title' => 'Tentang kami | Unipdu Press',
            'tes' => ['satu', 'dua' . 'tiga']
        ];
        echo view('layout/header', $data);
        echo view('pages/about');
        echo view('layout/footer');
    }
}
```

- Pada halaman header.php pada
- tag title ubah menjadi script berikut



```
<!doctype html>
<html lang="en">
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title> @var unset $title
    <=> $title; ?>
</title>
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384"
</head>
<nav class="navbar navbar-expand-lg navbar-light bg-light">
    <div class="container-fluid">
        <a class="navbar-brand" href="#">Navbar</a>
        <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav" aria-controls="n
        <span class="navbar-toggler-icon"></span>
    </button>
    <div class="collapse navbar-collapse" id="navbarNav">
        <ul class="navbar-nav">
            <li class="nav-item">
                <a class="nav-link active" aria-current="page" href="/">Home</a>
            </li>
            <li class="nav-item">
                <a class="nav-link" href="page/about">tentang kami</a>
            </li>
            <li class="nav-item">
                <a class="nav-link" href="#">Pricing</a>
            </li>
        </ul>
    </div>
</div>
</nav>
```

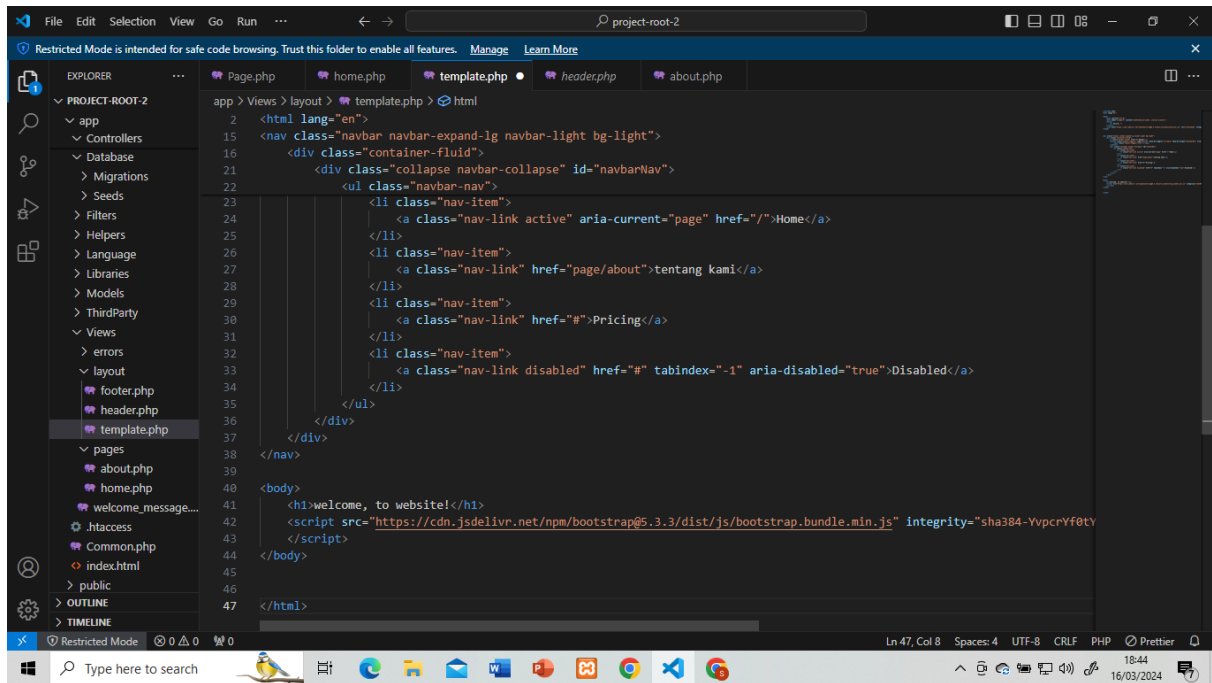
Mengakses Data dari Controller ke View

- Kita dapat akses data array yang ada di controller di view dengan cukup mengaksesnya dengan \$data di controller dan \$tes di halaman home.php. Contohnya

“

View Lanjutan Versi Templating Buat Template Satu File

- Buat file baru di view pada folder layout dengan nama template.php
- Pada halaman header copy semua script dan paste di template.php



```

1  <html lang="en">
2  <nav class="navbar navbar-expand-lg navbar-light bg-light">
3    <div class="container-fluid">
4      <div class="collapse navbar-collapse" id="navbarNav">
5        <ul class="navbar-nav">
6          <li class="nav-item">
7            <a class="nav-link active" aria-current="page" href="/">Home</a>
8          </li>
9          <li class="nav-item">
10             <a class="nav-link" href="page/about">tentang kami</a>
11          </li>
12          <li class="nav-item">
13             <a class="nav-link" href="#">Pricing</a>
14          </li>
15          <li class="nav-item">
16             <a class="nav-link disabled" href="#" tabindex="-1" aria-disabled="true">Disabled</a>
17          </li>
18        </ul>
19      </div>
20    </div>
21  </nav>
22
23  <body>
24    <h1>welcome, to website!</h1>
25    <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-YvpcrYf0tY"
26    </script>
27  </body>
28
29  </html>

```

- Pada halaman footer copy semua script dan paste di template.php
- Pada controller Pages.php hapus script header dan footer ganti dengan script berikut dan lakukan hal yang sama pada method about.

Memanggil Template

•Pada page template.php tambahkan script this render, begitu pula pada halaman home.php tambahkan script nomor 1,2,3

1. Untuk memanggil layout template
2. Untuk mendeklarasikan konten
3. Untuk mengakhiri section konten

Tantangan

- Buatlah method dan page baru dengan nama contact kemudian akses page contact lewat menu
- Kemudian pada method tambahkan data alamat berupa tipe, alamat, kota
- Panggil/tampilkan data tersebut dengan menggunakan fungsi foreach pada halaman contact.