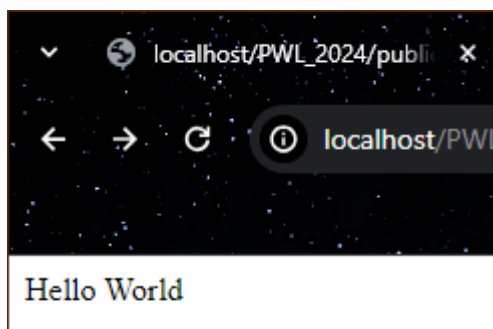


NIM : 2241720095
Nama : Ana Bellatus Mustaqfiro
Kelas : D4 TI - 2H
No. Urut : 04
Mata Kuliah : Pemrograman Web Lanjut Jobsheet 2
(Routing, Controller, dan View)

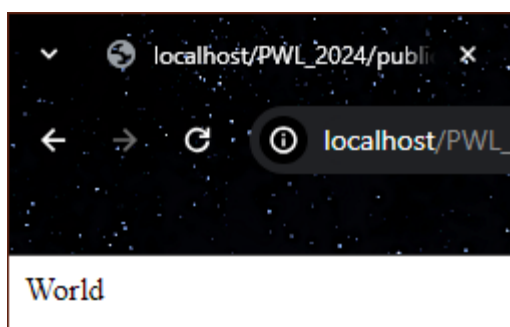
1. Jalankan Langkah-langkah Praktikum pada jobsheet di atas. Lakukan sinkronisasi perubahan pada project PWL_2024 ke Github.

Basic Routing

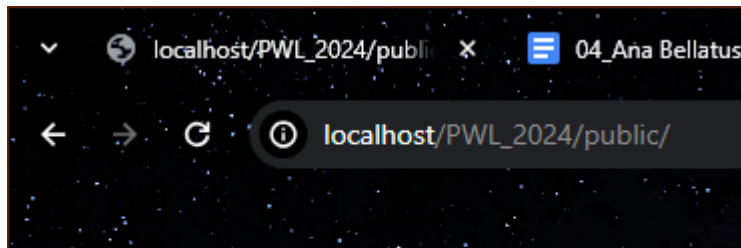
```
16 Route::get('/hello', function () {  
17     return ('Hello World');  
18 });
```



```
20 Route::get('/world', function () {  
21     return 'World';  
22 });
```

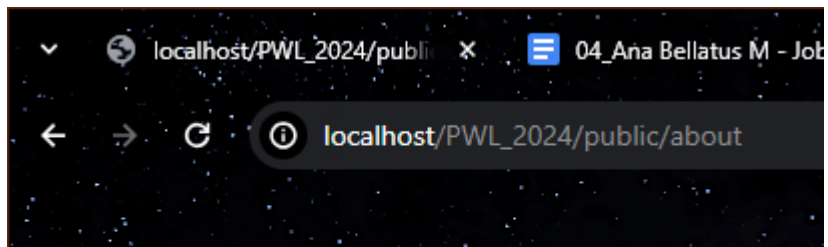


```
24 Route::get('/', function () {  
25     return ('Selamat Datang');  
26 });
```



Selamat Datang

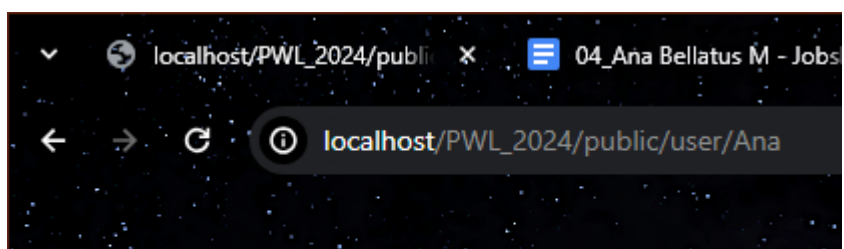
```
28 Route::get('/about', function () {  
29     return ('NIM : 2241720095 <br> Nama : Ana Bellatus  
    Mustaqfiro');  
30 });
```



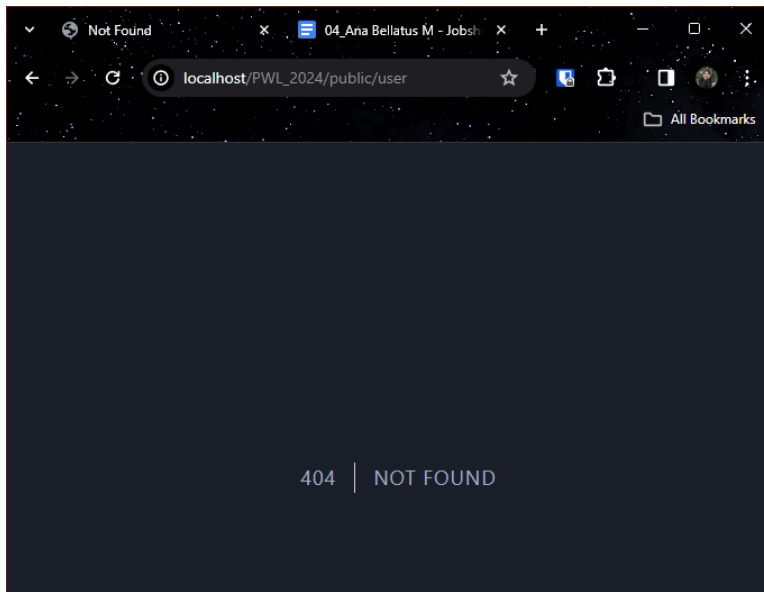
NIM : 2241720095
Nama : Ana Bellatus Mustaqfiro

Route Parameters

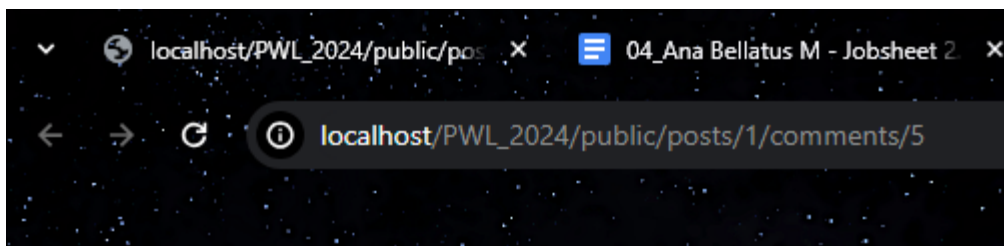
```
32 Route::get('/user/{name}', function ($name) {  
33     return ('Nama saya ' . $name);  
34 });
```



Nama saya Ana

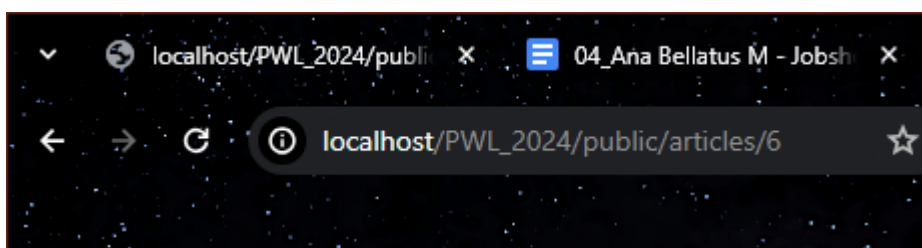


```
36 Route::get('/posts/{post}/comments/{comment}', function  
($postId, $commentId) {  
37     return 'Pos ke-' . $postId . " Komentar ke: " .  
    $commentId;  
38 });
```



Pos ke-1 Komentar ke: 5

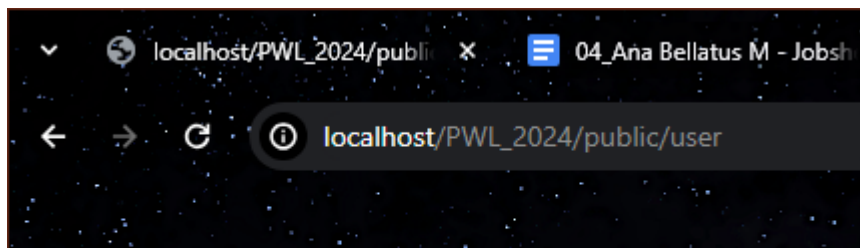
```
40 Route::get('/articles/{id}', function ($id){  
41     return 'Halaman Artikel dengan ID '.$id;  
42 });
```



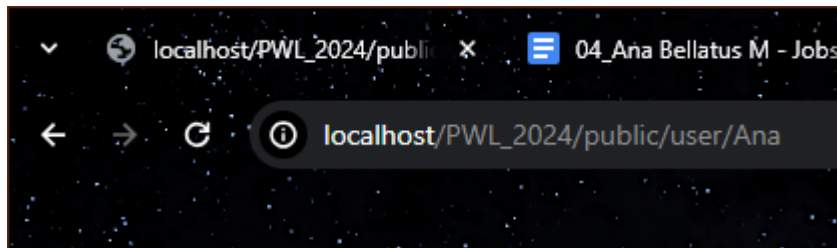
Halaman Artikel dengan ID 6

Optional Parameters

```
44 Route::get('/user/{name?}', function ($name = null){  
45     return 'Nama saya '.$name;  
46 });
```

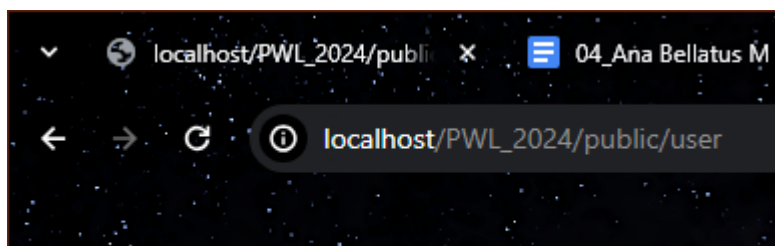


Nama saya



Nama saya Ana

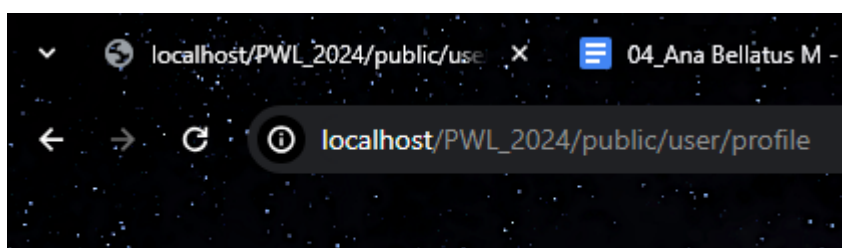
```
48 Route::get('/user/{name?}', function ($name = 'John'){
49     return 'Nama saya '.$name;
50 });
```



Nama saya John

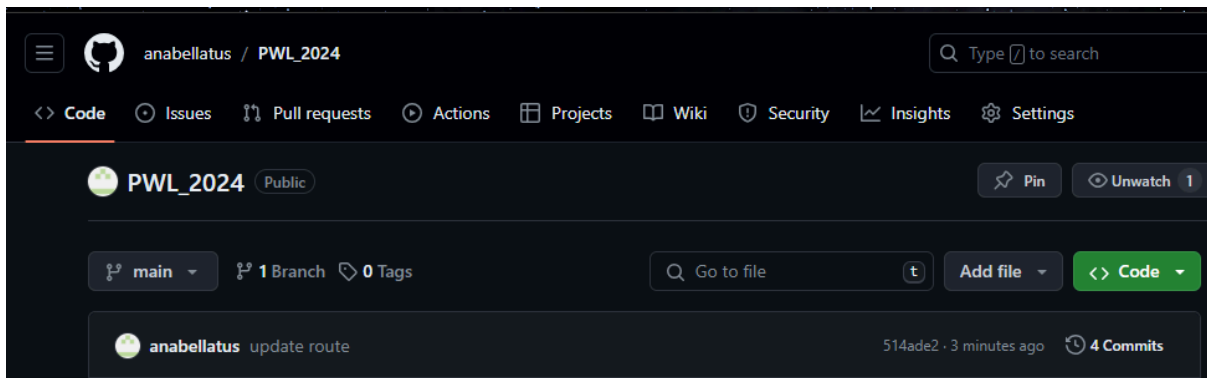
Route Name

```
52 Route::get('/user/profile', function (){
53     }) → name('profile');
```



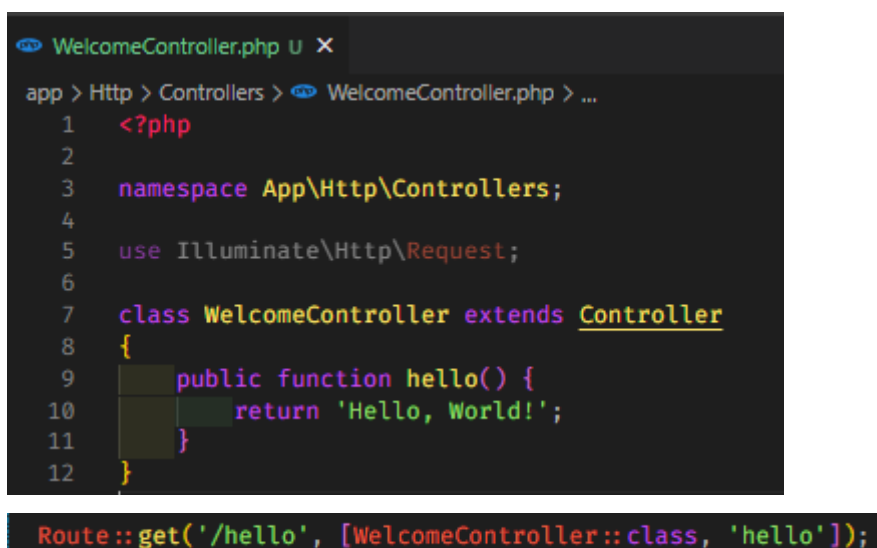
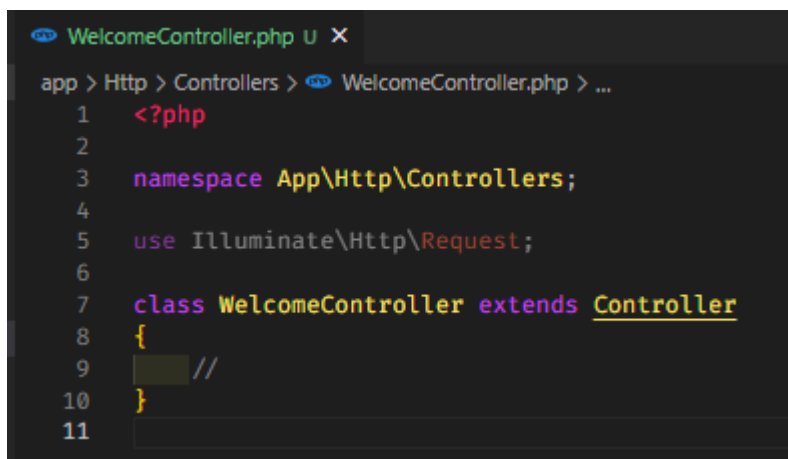
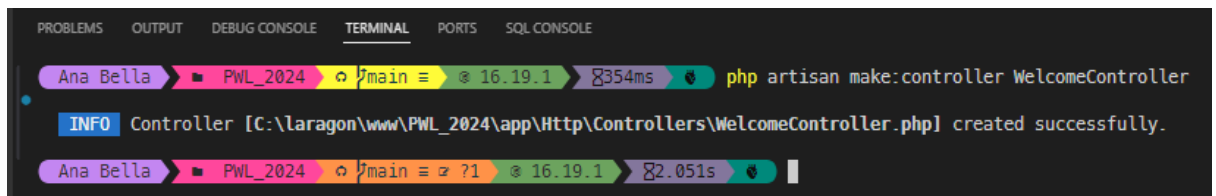
Nama saya profile

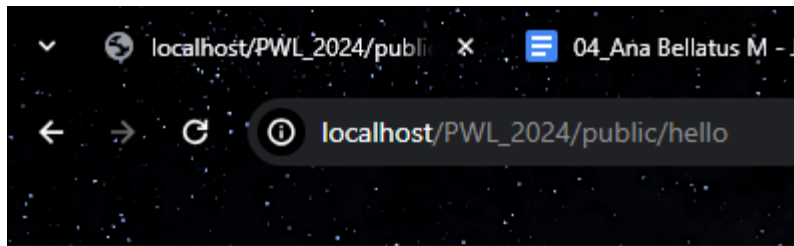
Simpan perubahan yang telah dilakukan pada Git.



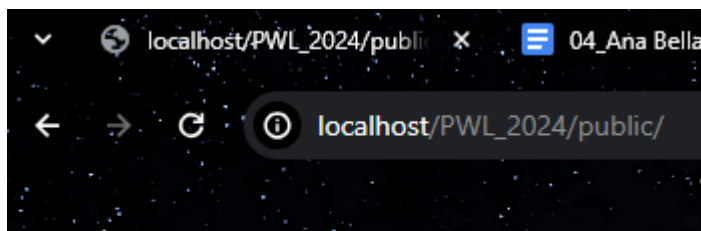
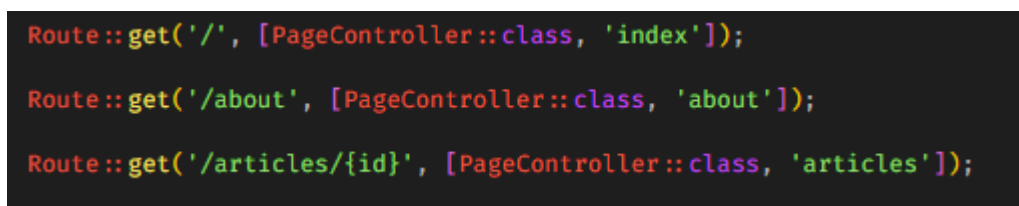
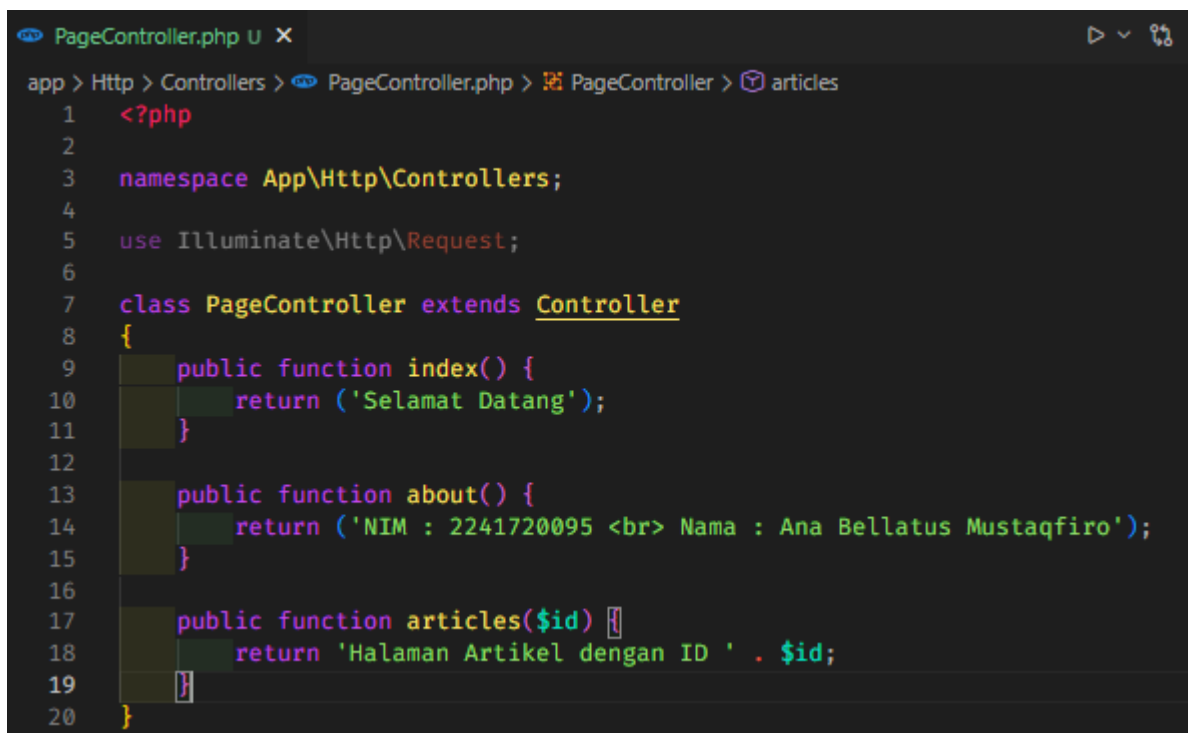
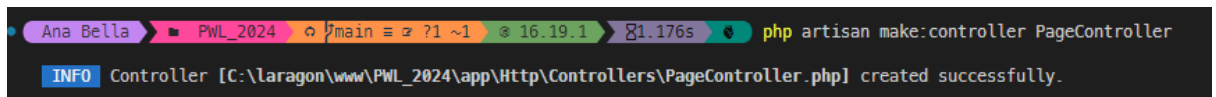
Controller

Membuat Controller

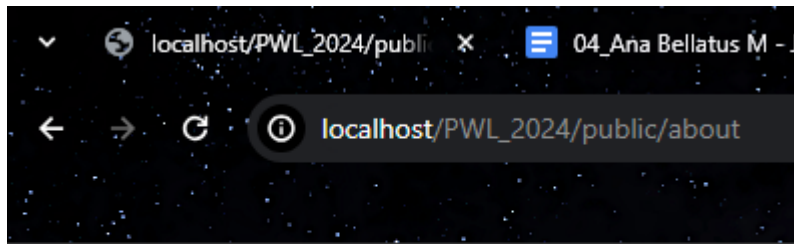




Hello, World!

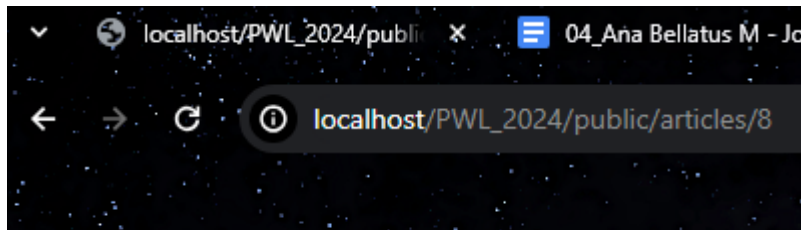


Selamat Datang

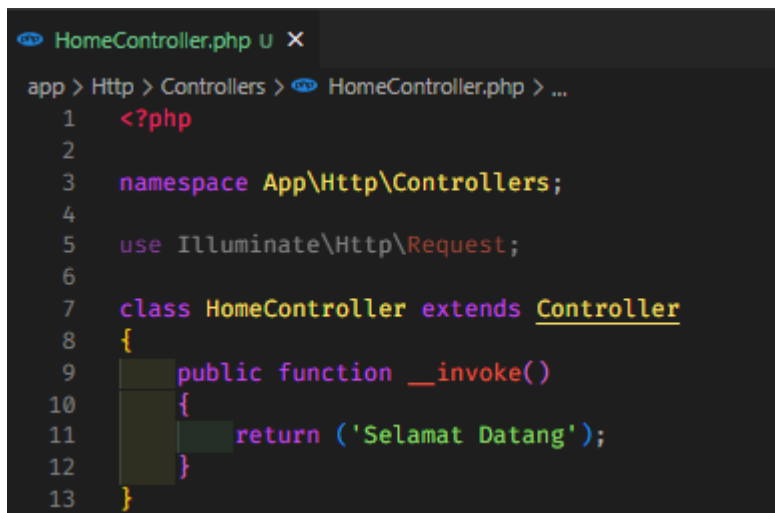
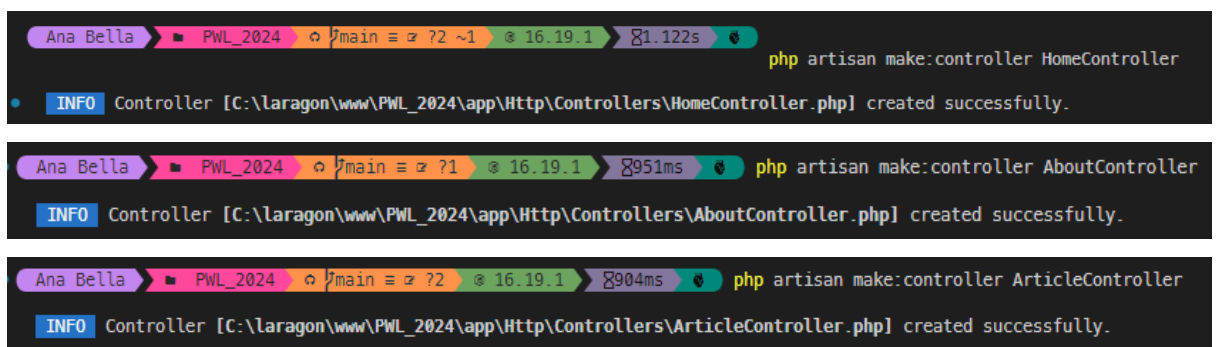


NIM : 2241720095

Nama : Ana Bellatus Mustaqfiro



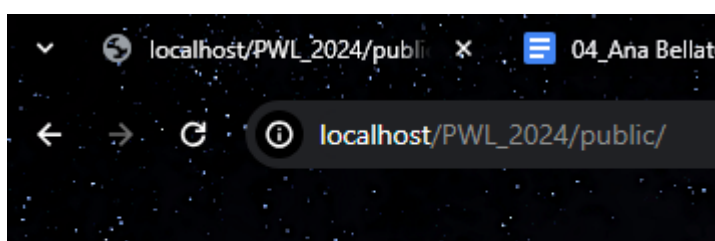
Halaman Artikel dengan ID 8



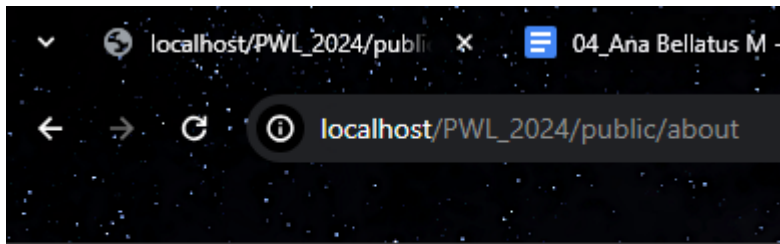
```
AboutController.php U X
app > Http > Controllers > AboutController.php > ...
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6
7  class AboutController extends Controller
8  {
9      public function __invoke()
10     {
11         return ('NIM : 2241720095 <br> Nama : Ana Bellatus Mustaqfiro');
12     }
13 }
```

```
ArticleController.php U X
app > Http > Controllers > ArticleController.php > ...
1  <?php
2
3  namespace App\Http\Controllers;
4
5  use Illuminate\Http\Request;
6
7  class ArticleController extends Controller
8  {
9      public function __invoke($id)
10     {
11         return 'Halaman Artikel dengan ID ' . $id;
12     }
13 }
```

```
web.php M X
routes > web.php > ...
62 Route::get('/', HomeController::class);
63
64 Route::get('/about', AboutController::class);
65
66 Route::get('/articles/{id}', ArticleController::class);
```

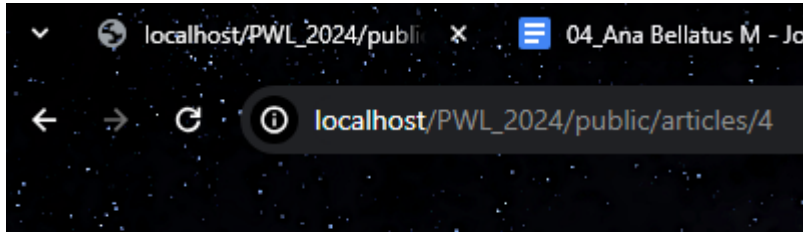


Selamat Datang



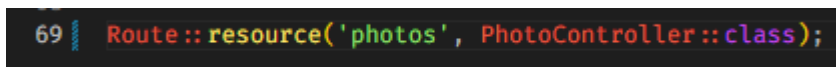
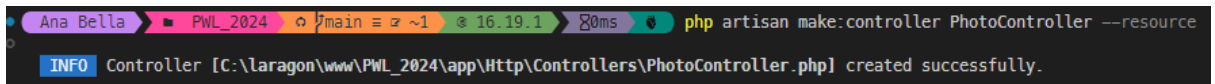
NIM : 2241720095

Nama : Ana Bellatus Mustaqfiro

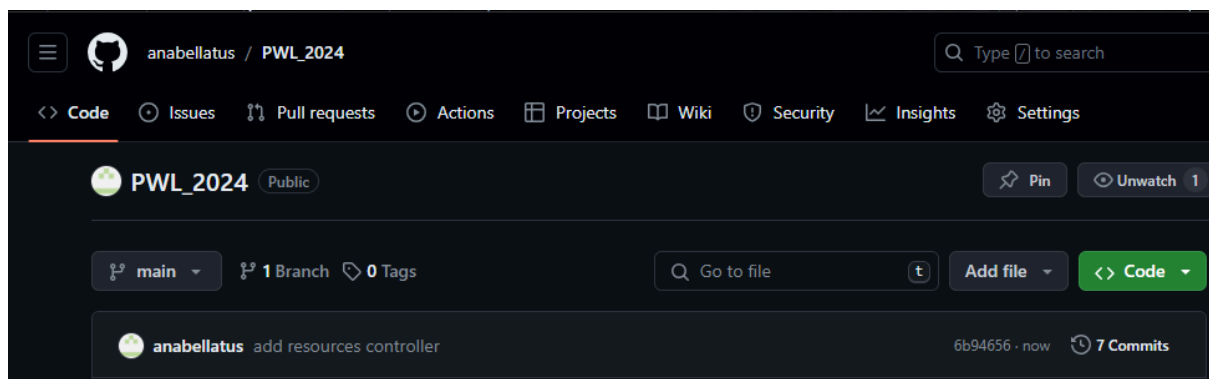


Halaman Artikel dengan ID 4

Resources Controller



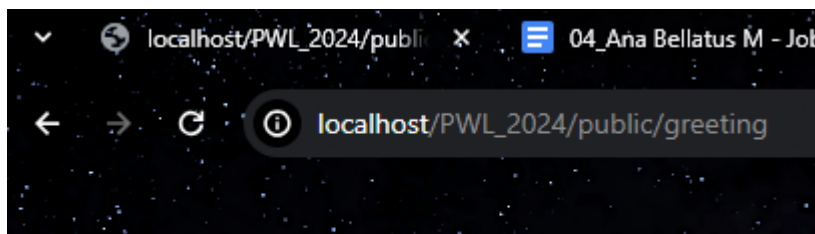
Simpan perubahan yang telah dilakukan pada Git.



View

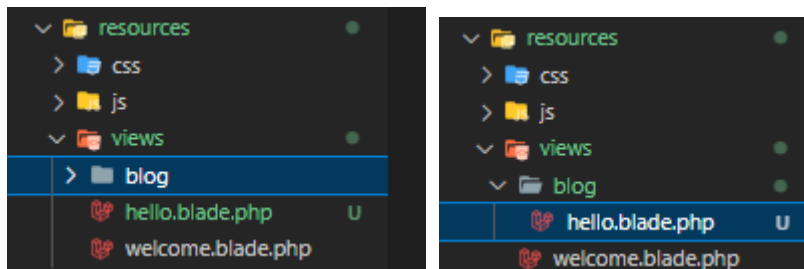
```
hello.blade.php U X
resources > views > hello.blade.php > html
1 <html>
2   <body>
3     <h1>Hello, {{ $name }}</h1>
4   </body>
5 </html>
```

```
web.php M X
routes > web.php > ...
78
79 Route::get('/greeting', function () {
80     return view('hello', ['name' => 'Ana']);
81 });
```

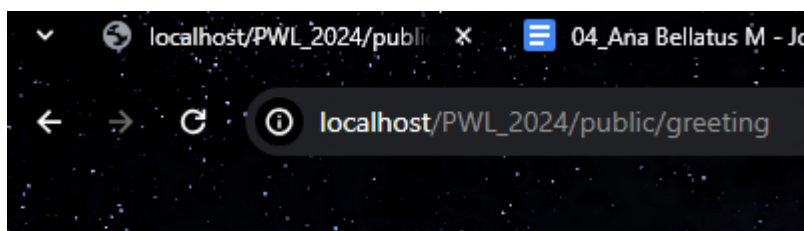


Hello, Ana

View dalam direktori



```
79 Route::get('/greeting', function () {
80     return view('blog.hello', ['name' => 'Ana']);
81 });
```

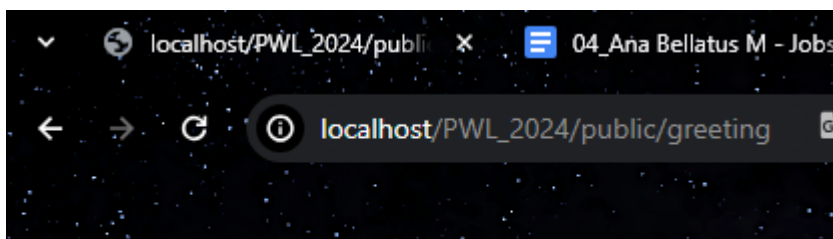


Hello, Ana

Menampilkan View dari controller

```
7 class WelcomeController extends Controller
8 {
9     public function hello()
10    {
11        return 'Hello, World!';
12    }
13
14    public function greeting()
15    {
16        return view('blog.hello', ['name' => 'Ana']);
17    }
18 }
```

```
79 Route::get('/greeting', [WelcomeController::class, 'greeting']);
```



Hello, Ana

Meneruskan data ke view

```
7 class WelcomeController extends Controller
8 {
9     public function hello()
10    {
11        return 'Hello, World!';
12    }
13
14    public function greeting()
15    {
16        return view('blog.hello')
17            →with('name', 'Ana')
18            →with('occupation', 'Developer');
19    }
20 }
```

```
hello.blade.php M X
resources > views > blog > hello.blade.php > html
1 <html>
2     <body>
3         <h1>Hello, {{ $name }}</h1>
4         <h1>You Are {{ $occupation }}</h1>
5     </body>
6 </html>
```



Simpan perubahan yang telah dilakukan pada Git.

