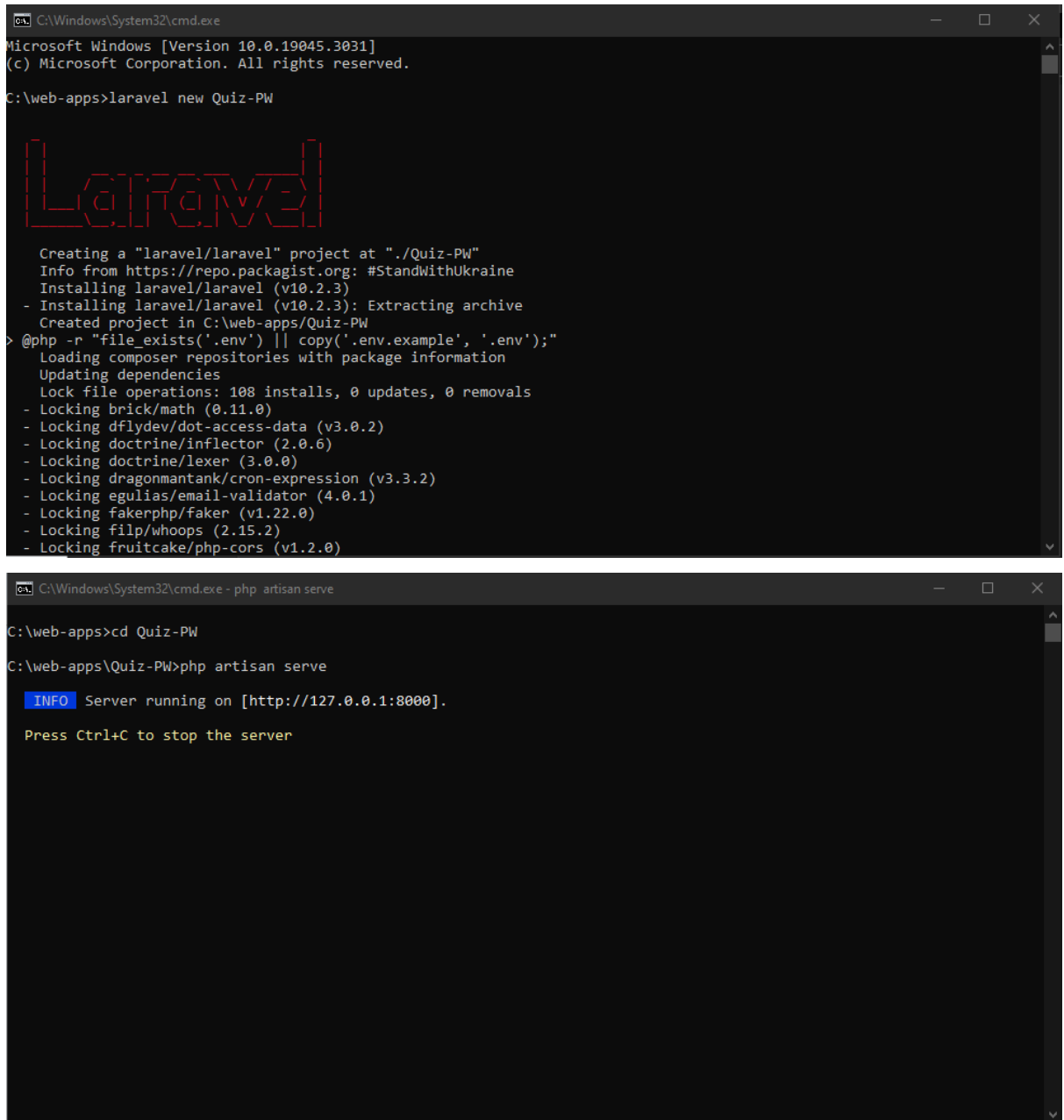


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Quiz Lab. Pemrograman Web

1. Tuliskan syntax untuk membuat dan menjalankan laravel



```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19045.3031]
(c) Microsoft Corporation. All rights reserved.

C:\web-apps>laravel new Quiz-PW

  LARAVEL

Creating a "laravel/laravel" project at "./Quiz-PW"
Info from https://repo.packagist.org: #StandWithUkraine
Installing laravel/laravel (v10.2.3)
- Installing laravel/laravel (v10.2.3): Extracting archive
Created project in C:\web-apps\Quiz-PW
> @php -r "file_exists('.env') || copy('.env.example', '.env');"
Loading composer repositories with package information
Updating dependencies
Lock file operations: 108 installs, 0 updates, 0 removals
- Locking brick/math (0.11.0)
- Locking dflydev/dot-access-data (v3.0.2)
- Locking doctrine/inferctor (2.0.6)
- Locking doctrine/lexer (3.0.0)
- Locking dragonmantank/cron-expression (v3.3.2)
- Locking egulias/email-validator (4.0.1)
- Locking fakerphp/faker (v1.22.0)
- Locking filp/whoops (2.15.2)
- Locking fruitcake/php-cors (v1.2.0)

C:\Windows\System32\cmd.exe - php artisan serve

C:\web-apps>cd Quiz-PW
C:\web-apps\Quiz-PW>php artisan serve

[INFO] Server running on [http://127.0.0.1:8000].

Press Ctrl+C to stop the server
```

2. Buat route dan view yang terdiri dari /Home /DaftarMahasiswa /Profile

```
web.php X
routes > web.php
15
16 Route::get('/', function () {
17     return view('welcome');
18 });
19 Route::get('/home', function () {
20     return view('home');
21 });
22 Route::get('/daftarmahasiswa', function () {
23     return view('daftarmahasiswa');
24 });
25 Route::get('/profile', function () {
26     return view('profile');
27 });
```

views

- daftarmahasiswa.blade.php
- home.blade.php
- profile.blade.php
- welcome.blade.php

3. Buat layout yang berisi header/navbar dan footer untuk semua halaman dengan blade

- Main atau Template Utama

```
web.php main.blade.php X navbar.blade.php home.blade.php daftarmahasiswa.blade.php pr
resources > views > main.blade.php
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4     <meta charset="UTF-8">
5     <meta http-equiv="X-UA-Compatible" content="IE=edge">
6     <meta name="viewport" content="width=device-width, initial-scale=1.0">
7     <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css" rel="stylesheet"
8         crossorigin="anonymous">
9     <title>Document</title>
10 </head>
11 <body>
12     @include('navbar')
13     <div class="container">
14         @yield('content')
15     </div>
16     @include('footer')
17     <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js" integrity="
18         crossorigin="anonymous"></script>
19 </body>
20 </html>
```

- Navbar

```
web.php  main.blade.php  navbar.blade.php X  home.blade.php  daftarmahasiswa.blade.php
sources > views > navbar.blade.php
1  <nav class="navbar navbar-expand-lg bg-body-tertiary">
2    <div class="container-fluid">
3      <a class="navbar-brand" href="#">Navbar</a>
4      <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navb
5        <span class="navbar-toggler-icon"></span>
6      </button>
7      <div class="collapse navbar-collapse" id="navbarNav">
8        <ul class="navbar-nav">
9          <li class="nav-item">
10             <a class="nav-link active" aria-current="page" href="#">Home</a>
11          </li>
12          <li class="nav-item">
13             <a class="nav-link" href="#">Features</a>
14          </li>
15          <li class="nav-item">
16             <a class="nav-link" href="#">Pricing</a>
17          </li>
18          <li class="nav-item">
19             <a class="nav-link disabled">Disabled</a>
20          </li>
21        </ul>
22      </div>
23    </div>
24  </nav>
```

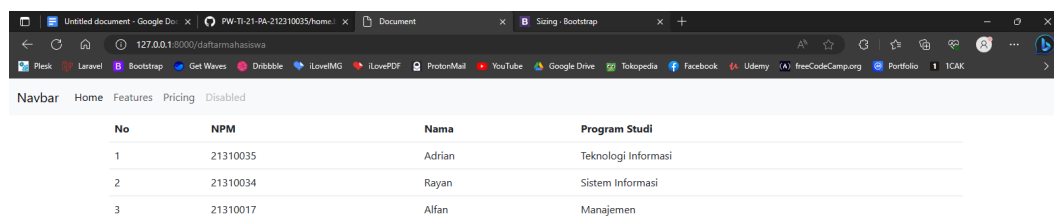
- Footer

```
footer.blade.php X  web.php  ma
resources > views > footer.blade.php
1  <footer class="text-center">
2    <p>&copy; Copyright 2023.</p>
3  </footer>
```

4. Buat perulangan untuk halaman daftar mahasiswa dari data dummy yang berisi nama, npm, dan prodi

```
Route::get('/daftarmahasiswa', function () {
    $data = array(
        ['id' => 1, 'npm' => 21310035, 'nama' => 'Adrian', 'prodi' => 'Teknologi Informasi'],
        ['id' => 2, 'npm' => 21310034, 'nama' => 'Rayan', 'prodi' => 'Sistem Informasi'],
        ['id' => 3, 'npm' => 21310017, 'nama' => 'Alfan', 'prodi' => 'Manajemen'],
    );
    return view('daftarmahasiswa', [
        "data" => $data
    ]);
});
```

```
resources > views > daftarmahasiswa.blade.php
1 @extends('main')
2 @section('content')
3 <table class="table">
4     <tr>
5         <th>No</th>
6         <th>NPM</th>
7         <th>Nama</th>
8         <th>Program Studi</th>
9     </tr>
10    @foreach($data as $d)
11        <tr>
12            <td>{{ $d['id'] }}</td>
13            <td>{{ $d['npm'] }}</td>
14            <td>{{ $d['nama'] }}</td>
15            <td>{{ $d['prodi'] }}</td>
16        </tr>
17    @endforeach
18 </table>
19 @endsection
```

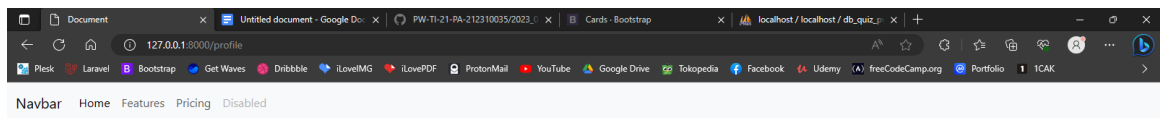


No	NPM	Nama	Program Studi
1	21310035	Adrian	Teknologi Informasi
2	21310034	Rayan	Sistem Informasi
3	21310017	Alfan	Manajemen

5. Buat model dan database profile yang berisi nama, npm, jenis kelamin, tanggal lahir, dan alamat yang ditampilkan pada halaman profile

```
Route::get('/profile', function () {  
    return view('profile', [  
        "profiles" => Profile::first()  
    ]);  
});
```

```
profile.blade.php X web.php 2023_06_08_075701_create_profiles  
resources > views > profile.blade.php  
1 @extends('main')  
2 @section('content')  
3 <div class="card mb-2 mt-5" style="width: 18rem;">  
4     <div class="card-body">  
5         <h5 class="card-title text-center">Profil</h5>  
6         <p class="card-text">{{ $profiles->nama }}</p>  
7         <p class="card-text">{{ $profiles->npm }}</p>  
8         <p class="card-text">{{ $profiles->jenis_kelamin }}</p>  
9         <p class="card-text">{{ $profiles->tanggal_lahir }}</p>  
10        <p class="card-text">{{ $profiles->alamat }}</p>  
11    </div>  
12 </div>  
13 @endsection
```



Profil

Adrian Adhari

212310035

Laki-Laki

2003-02-07

Kedung Halang

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