

LAPORAN TUGAS PEMROGRAMAN WEB LANJUT

“JOBSHEET 9”



Oleh :

NAMA : ARDAN ANJUNG KUSUMA

NIM : 1841720041

**PROGRAM STUDI TEKNIK INFORMATIKA
JURUSAN TEKNOLOGI INFORMASI
POLITEKNIK NEGERI MALANG
2020**

Praktikum – Bagian 1: Instalasi Laravel di Windows

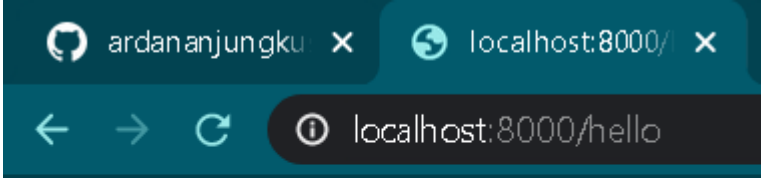
1 Melakukan instalasi laravel dengan menggunakan composer

```
C:\xampp\htdocs>composer global require "laravel/installer"
Changed current directory to C:/Users/ardan/AppData/Roaming/Composer
Using version 43.0 for laravel/installer
./composer.json has been created
Loading composer repositories with package information
Updating dependencies (including require-dev)
Package operations: 14 installs, 0 updates, 0 removals
- Installing symfony/process (v5.0.7): Downloading (100%)
- Installing symfony/polyfill-ctype (v1.15.0): Downloading (100%)
- Installing symfony/filesystem (v5.0.7): Downloading (100%)
- Installing psr/container (1.0.0): Downloading (100%)
- Installing symfony/service-contracts (v2.0.1): Downloading (100%)
- Installing symfony/polyfill-php73 (v1.15.0): Downloading (100%)
- Installing symfony/polyfill-mbstring (v1.15.0): Downloading (100%)
- Installing symfony/console (v5.0.7): Downloading (100%)
- Installing ralouphie/getallheaders (3.0.3): Loading from cache
- Installing psr/http-message (1.0.1): Loading from cache
- Installing guzzlehttp/psr7 (1.6.1): Loading from cache
- Installing guzzlehttp/promises (v1.3.1): Loading from cache
- Installing guzzlehttp/guzzle (6.5.2): Loading from cache
- Installing laravel/installer (v3.0.1): Downloading (100%)
symfony/service-contracts suggests installing symfony/service-implementation
symfony/console suggests installing symfony/event-dispatcher
symfony/console suggests installing symfony/lock
symfony/console suggests installing psr/log (For using the console logger)
guzzlehttp/psr7 suggests installing zendframework/zend-httphandler (Emit PSR-7 responses)
guzzlehttp/guzzle suggests installing psr/log (Required for using the Log middleware)
guzzlehttp/guzzle suggests installing ext-intl (Required for Internationalized Domain Name (IDN) support)
Writing lock file
Generating autoload files

C:\xampp\htdocs>
C:\xampp\htdocs>laravel new laravelapp
Crafting application...
Loading composer repositories with package information
Installing dependencies (including require-dev) from lock file
Package operations: 94 installs, 0 updates, 0 removals
- Installing doctrine/infllector (1.3.1): Downloading (100%)
- Installing doctrine/lexer (1.2.0): Downloading (100%)
- Installing dragonmantank/cron-expression (v2.3.0): Downloading (100%)
- Installing voku/portable-ascii (1.4.10): Downloading (100%)
- Installing symfony/polyfill-ctype (v1.15.0): Loading from cache
- Installing phpoption/phpoption (1.7.3): Downloading (100%)
- Installing vlucas/phpdotenv (v4.1.3): Downloading (100%)
- Installing symfony/css-selector (v5.0.7): Downloading (100%)
- Installing tijsverkoyen/css-to-inline-styles (2.2.2): Downloading (100%)
- Installing symfony/polyfill-mbstring (v1.15.0): Loading from cache
- Installing symfony/var-dumper (v5.0.7): Downloading (100%)
- Installing symfony/routing (v5.0.7): Downloading (100%)
- Installing symfony/process (v5.0.7): Loading from cache
- Installing symfony/polyfill-php72 (v1.15.0): Downloading (100%)
- Installing symfony/polyfill-intl-idn (v1.15.0): Downloading (100%)
- Installing symfony/mime (v5.0.7): Downloading (100%)
- Installing symfony/polyfill-php73 (v1.15.0): Loading from cache
- Installing symfony/http-foundation (v5.0.7): Downloading (100%)
- Installing psr/event-dispatcher (1.0.0): Downloading (100%)
- Installing symfony/event-dispatcher-contracts (v2.0.1): Downloading (100%)
- Installing symfony/event-dispatcher (v5.0.7): Downloading (100%)
- Installing psr/log (1.1.3): Downloading (100%)
- Installing symfony/error-handler (v5.0.7): Downloading (100%)
- Installing symfony/http-kernel (v5.0.7): Downloading (100%)
- Installing symfony/finder (v5.0.7): Downloading (100%)
- Installing psr/container (1.0.0): Loading from cache
- Installing symfony/service-contracts (v2.0.1): Loading from cache
- Installing symfony/console (v5.0.7): Loading from cache
- Installing symfony/polyfill-iconv (v1.15.0): Downloading (100%)
- Installing egulias/email-validator (2.1.17): Downloading (100%)
- Installing swiftmailer/swiftmailer (v6.2.3): Downloading (100%)
- Installing ramsey/collection (1.0.1): Downloading (100%)
- Installing brick/math (0.8.14): Downloading (100%)
- Installing ramsey/uuid (4.0.1): Downloading (100%)
- Installing psr/simple-cache (1.0.1): Downloading (100%)
- Installing opis/closure (3.5.1): Downloading (100%)
- Installing symfony/translation-contracts (v2.0.1): Downloading (100%)
- Installing symfony/translation (v5.0.7): Downloading (100%)
- Installing nesbot/carbon (2.32.2): Downloading (100%)
- Installing monolog/monolog (2.0.2): Downloading (100%)
- Installing league/flysystem (1.0.66): Downloading (100%)
- Installing league/commonmark (1.3.3): Downloading (100%)
- Installing laravel/framework (v7.4.0): Downloading (100%)
```

2	<p>Melakukan test instalasi apakah berjalan dengan baik atau tidak, dan voila sukses</p> 

Praktikum – Bagian 2: Mengenal dan membuat route

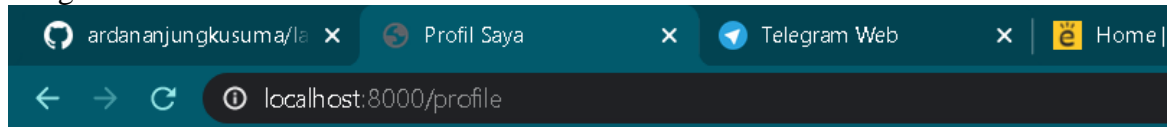
1	<p>Kita dapat menuliskan perintah baru untuk membuat route, selain mengembalikan file view sebagai response, Kita dapat mengembalikan response berupa string atau teks biasa. Buka file laravelapp\routes\web.php, tambahkan isinya dengan script di bawah ini :</p> <pre> 15 16 Route::get('/', function () { 17 return view('welcome'); 18 }); 19 20 Route::get('hello', function () { 21 return "Assalamualaikum Laravel"; 22 }); 23 </pre>  <p>Assalamualaikum Laravel</p>
2	<p>Selanjutnya, kita akan mencoba membuat route baru dengan menampilkan halaman view. Tambahkan route baru untuk halaman “profil” dengan menambahkan script berikut:</p> <pre> Route::get('profile', function () { return view('profile'); } </pre>

```
});
```

Buat file baru bernama `profil.blade.php` di dalam folder `laravelapp/resources/views/`, ketikkan script berikut ini:

```
resources > views > profile.blade.php > html
1 <!DOCTYPE html>
2 <html>
3
4 <head>
5   <title>Profil Saya</title>
6 </head>
7
8 <body>
9   <h1>Profil Saya</h1>
10  <p>Perkenalkan Nama saya Ardan Anjung Kusuma, saya seorang adalah calon Programmer Backend.</p>
11 </body>
12
13 </html>
```

Testing :



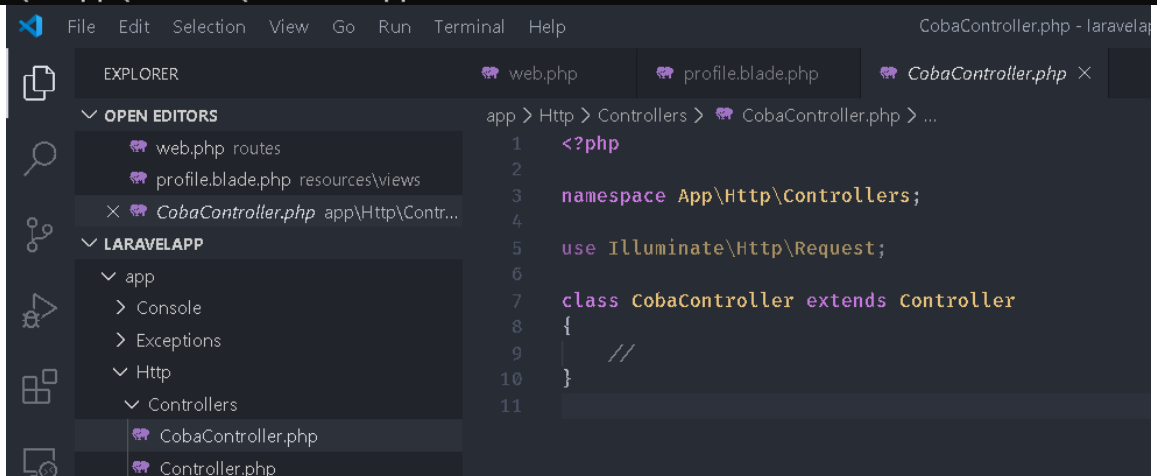
Profil Saya

Perkenalkan Nama saya Ardan Anjung Kusuma, saya seorang adalah calon Programmer Backend.

Praktikum – Bagian 3: Cara Menggunakan Controller pada Framework Laravel

1 Membuat controller baru

```
C:\xampp\htdocs\laravelapp>php artisan make:controller CobaController
Controller created successfully.
C:\xampp\htdocs\laravelapp>
```



2 Ubah route halaman 'profil' pada praktikum sebelumnya menjadi seperti berikut

```
Route::get('profile', 'CobaController@profile');
```

Langkah selanjutnya, tambahkan fungsi / method profil() pada class **CobaController** seperti berikut ini:

```
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

class CobaController extends Controller
{
    public function profile()
    {
        return view('profile');
    }
}
```

Testing :



Profil Saya

Perkenalkan Nama saya Ardan Anjung Kusuma, saya seorang adalah calon Programmer Backend.

Praktikum – Bagian 4: Memberikan Data Controller kepada View

1. Buat route baru untuk halaman biodata

```
Route::get('biodata', 'BiodataController@index');
```

Buat Controller baru untuk Biodata

```
C:\xampp\htdocs\laravelapp>php artisan make:controller BiodataController
Controller created successfully.
```

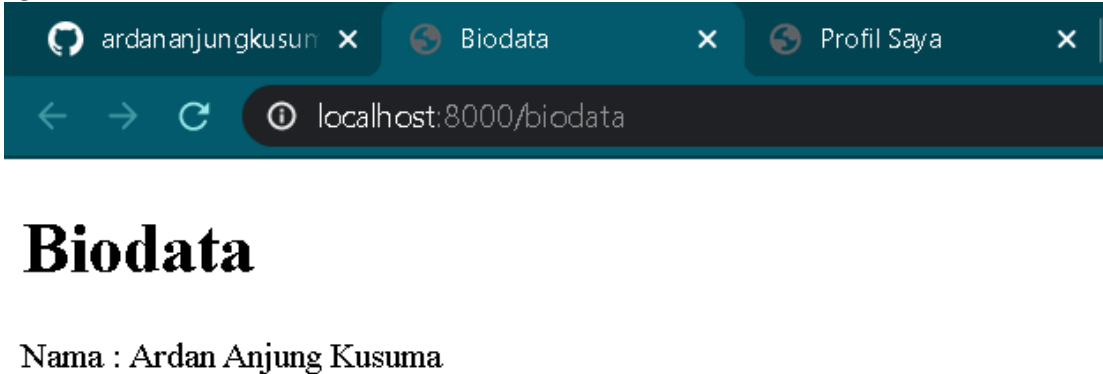
Ketik script berikut pada controller biodata

```
<?php

namespace App\Http\Controllers;



use Illuminate\Http\Request;

class BiodataController extends Controller
{
    public function index()
    {
        $nama = 'Ardan Anjung Kusuma';
        return view('biodata', ['nama' => $nama]);
    }
}
```

	<pre> } } </pre>
2	<p>Buat file view dengan nama biodata.blade.php pada laravelapp/resources/views\</p> <pre> <!DOCTYPE html> <html> <head> <title>Biodata</title> </head> <body> <h1>Biodata</h1> <p>Nama : {{ \$nama }}</p> </body> </html> </pre> <p>Testing :</p> 

Praktikum – Bagian 5: Memberikan Data Array Kepada View

1	<p>Tambahkan variabel data array pada BiodataController.php</p> <pre> public function index() { \$nama = 'Ardan Anjung Kusuma'; \$materi = ["Web Design", "Web Programming", "Digital Marketing", "Graphic Design"]; return view('biodata', ['nama' => \$nama, 'materi' => \$materi]); } </pre>
2	<p>Tambahkan isi file view biodata.blade.php menjadi seperti berikut:</p>

	<div>resources > views >  biodata.blade.php >  html</div> <pre>1 <!DOCTYPE html> 2 <html> 3 4 <head> 5 <title>Biodata</title> 6 </head> 7 8 <body> 9 <h1>Biodata</h1> 10 <p>Nama : {{ \$nama }}</p> 11 <p>Materi Mengajar</p> 12 13 @foreach(\$materi as \$datamateri) 14 {{ \$datamateri }} 15 @endforeach 16 17 </body> 18 19 </html></pre> <div><div>ardananjungku x Biodata x Profil Saya</div><div><div>← → ↺</div><div>localhost:8000/biodata</div></div></div> <div><h1>Biodata</h1><p>Nama : Ardan Anjung Kusuma</p><p>Materi Mengajar</p><ul style="list-style-type: none">• Web Design• Web Programming• Digital Marketing• Graphic Design</div>
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