

**LAPORAN JOBSHEET 9 PEMROGRAMAN WEB LANJUT**  
**Pengantar dan Instalasi Laravel Mata Kuliah Pemrograman Web**  
**Lanjut**



Dibuat Oleh :

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**PRODI D-IV TEKNIK INFORMATIKA**  
**POLINEMA 2020/2021**

## Praktikum – Bagian 1: Instalasi Laravel di Windows

No	Laporan
1	<p>Setelah install composer buka cmd arahkan pada htdocs lalu ketikkan <b>composer global require "laravel/installer"</b></p> <pre>C:\xampp\htdocs&gt;composer global require "laravel/installer"</pre> <pre>C:\xampp\htdocs&gt;composer global require "laravel/installer" Changed current directory to C:/Users/admin/AppData/Roaming/Composer Using version ^3.0 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): Loading from cache - 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 (For using the PSR-7 responses) guzzlehttp/guzzle suggests installing psr/log (Required for using the PSR-7 responses) guzzlehttp/guzzle suggests installing ext-intl (Required for Internationalization) Writing lock file Generating autoload files 6 packages you are using are looking for funding. Use the 'composer fund' command to find out more!</pre> <p>Setelah selesai ketikkan <b>laravel new laravelapp</b> untuk membuat file project baru</p> <pre>C:\xampp\htdocs&gt;laravel new laravelapp</pre>

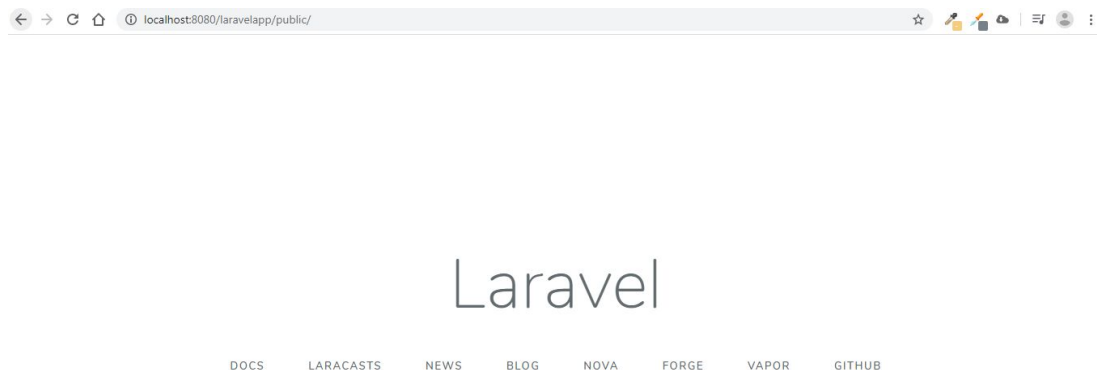
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C:\xampp\htdocs>laravel new laravelapp
Crafting application...
Loading composer repositories with package information
Installing dependencies (including require-dev) from lock file
Package operations: 94 installs, 0 updates, 0 removals
- Installing doctrine/inflector (1.3.1): Downloading (100%)
- Installing doctrine/lexer (1.2.0): Downloading (100%)
- Installing dragonmantank/cron-expression (v2.3.0): Downloading (con
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 (
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%)
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- 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
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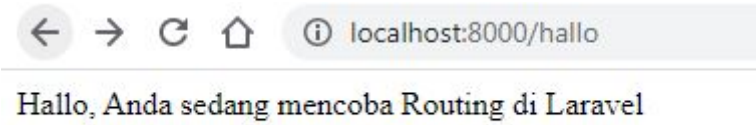
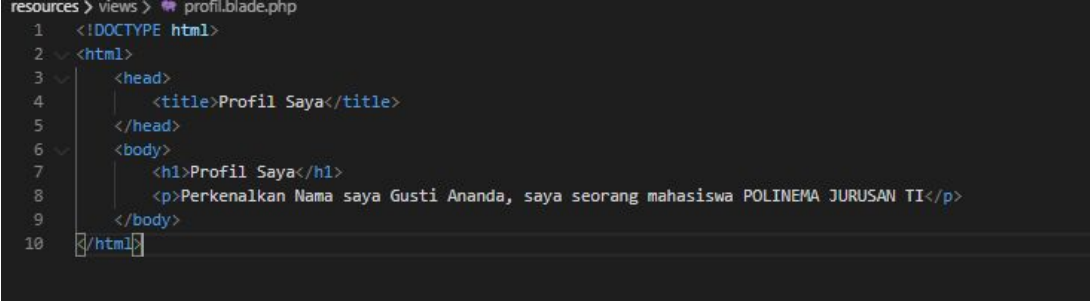
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Setelah selesai install laravel kita perlu menguji apakah hasil instalasi tersebut berjalan dengan baik atau tidak, Aktifkan Apache server lewat XAMPP Control Panel. Pada browser, ketik alamat <http://localhost/laravelapp/public/> tapi disini saya menggunakan port :8080 pada apache jadi alamat milik saya <http://localhost:8080/laravelapp/public/>



## Praktikum – Bagian 2: Mengenal dan membuat route

No	Laporan
1	<p>Lalu buka folder Routes/web.php</p> <pre>16 Route::get('/', function () { 17     return view('welcome'); 18 }); 19</pre>
2	<p>ubah route nya menjadi <b>Route::get('hallo', function () { return "Hallo, Anda sedang mencoba Routing di Laravel"; });</b></p> <pre>17 Route::get('hallo', function () { return "Hallo, Anda sedang mencoba 18     Routing di Laravel"; });</pre> <p>Untuk melihat hasilnya, pada browser, ketikkan alamat <a href="http://localhost:8000/hallo">http://localhost:8000/hallo</a></p>  <p>Hallo, Anda sedang mencoba Routing di Laravel</p>
3	<p>Tambahkan route baru untuk halaman “profil” dengan menambahkan script berikut: <b>Route::get('profil', function () { return view('profil'); });</b></p> <pre>Route::get('profil', function () { return view('profil'); });</pre> <p>Buat file baru bernama profil.blade.php di dalam folder resources\views\, ketikkan script berikut ini:</p>  <pre>resources &gt; views &gt; profil.blade.php 1 &lt;!DOCTYPE html&gt; 2 &lt;html&gt; 3 &lt;head&gt; 4     &lt;title&gt;Profil Saya&lt;/title&gt; 5 &lt;/head&gt; 6 &lt;body&gt; 7     &lt;h1&gt;Profil Saya&lt;/h1&gt; 8     &lt;p&gt;Perkenalkan Nama saya Gusti Ananda, saya seorang mahasiswa POLINEMA JURUSAN TI&lt;/p&gt; 9 &lt;/body&gt; 10 &lt;/html&gt;</pre>

Tuliskan profil kalian masing-masing. Untuk menampilkan hasilnya, ketikkan alamat : <http://localhost:8000/profil>

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## Profil Saya

Perkenalkan Nama saya Gusti Ananda, saya seorang mahasiswa POLINEMA JURUSAN TI

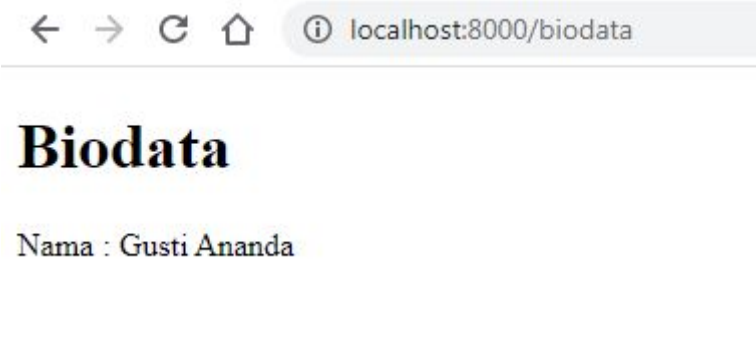
## Praktikum – Bagian 3: Cara Menggunakan Controller pada Framework Laravel

No	Laporan
1	<p>buat Controller dengan nama CobaController dengan menuliskan di command prompt / terminal :</p> <p><b>php artisan make:controller CobaController</b></p> <pre>C:\xampp\htdocs\Web_Lanjut\Jobsheet9&gt;php artisan make:controller CobaController Controller created successfully.</pre> <p>Maka akan terbentuk sebuah file dengan nama CobaController.php pada folder <b>app\Http\Controllers\</b></p> <pre>app &gt; Http &gt; Controllers &gt; CobaController.php 1  &lt;?php 2 3  namespace App\Http\Controllers; 4 5  use Illuminate\Http\Request; 6 7  class CobaController extends Controller 8  { 9      // 10 } 11</pre>
2	<p>Ubah route halaman 'profil' menjadi seperti berikut <b>Route::get('profil', 'CobaController@profil');</b></p> <pre>25 Route::get('profil', 'CobaController@profil');</pre> <p>Langkah selanjutnya, tambahkan fungsi / method profil() pada class CobaController seperti berikut ini:</p> <pre>app &gt; Http &gt; Controllers &gt; CobaController.php 1  &lt;?php 2  namespace App\Http\Controllers; 3  use Illuminate\Http\Request; 4 5  class CobaController extends Controller 6  { 7      public function profil() 8      { 9          return view('profil'); 10 } 11</pre>

## Praktikum – Bagian 4: Memberikan Data Controller kepada View

No	Laporan
1	<p>Buat route baru untuk halaman biodata</p> <pre>Route::get('biodata', 'BiodataController@index');</pre> <p>Buat controller baru dengan nama BiodataController.php</p> <pre>php artisan make:controller BiodataController</pre> <p>Ketikkan script berikut dengan memberikan method / fungsi index pada <code>app\Http\Controllers\BiodataController.php</code></p> <pre>app &gt; Http &gt; Controllers &gt; BiodataController.php 1  &lt;?php 2  namespace App\Http\Controllers; 3  use Illuminate\Http\Request; 4  class BiodataController extends Controller 5  { 6  public function index() { 7  \$nama = 'Gusti Ananda'; //ubah dengan nama kalian 8  return view('biodata' , ['nama' =&gt; \$nama]); 9  } 10 }</pre>
2	<p>Buat file view dengan nama biodata.blade.php pada <code>resources\views\</code></p> <pre>resources &gt; views &gt; biodata.blade.php 1  &lt;!DOCTYPE html&gt; 2  &lt;html&gt; 3  &lt;head&gt; 4  &lt;title&gt;Biodata&lt;/title&gt; 5  &lt;/head&gt; 6  &lt;body&gt; 7  &lt;h1&gt;Biodata&lt;/h1&gt; 8  &lt;p&gt;Nama : {{ \$nama }}&lt;/p&gt; 9  &lt;/body&gt; 10 &lt;/html&gt;</pre>



	
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## Praktikum – Bagian 5: Memberikan Data Array Kepada View

No	Laporan
1	<p>Pada bagian ini, Kita coba untuk memberikan data array kepada view. Tambahkan variabel data array pada <b>BiodataController.php</b></p> <pre> app &gt; Http &gt; Controllers &gt; BiodataController.php 1  &lt;?php 2  namespace App\Http\Controllers; 3  use Illuminate\Http\Request; 4  class BiodataController extends Controller 5  { 6      public function index() { 7          \$nama = 'Gusti Ananda'; //ubah dengan nama kalian 8          \$materi = ["Web Design", "Web Programming", "Digital 9          Marketing", "Graphic Design"]; 10         return view('biodata' , ['nama' =&gt; \$nama, 'materi' =&gt; 11         \$materi]); 12     } 13 }</pre>
2	<p>Tambahkan isi file view <b>biodata.blade.php</b> menjadi seperti berikut:</p> <pre> resources &gt; views &gt; biodata.blade.php 1  &lt;!DOCTYPE html&gt; 2  &lt;html&gt; 3      &lt;head&gt; 4          &lt;title&gt;Biodata&lt;/title&gt; 5      &lt;/head&gt; 6      &lt;body&gt; 7          &lt;h1&gt;Biodata&lt;/h1&gt; 8          &lt;p&gt;Nama : {{ \$nama }}&lt;/p&gt; 9          &lt;p&gt;Materi Mengajar&lt;/p&gt; 10         &lt;ul&gt; 11             @foreach(\$materi as \$datamateri) 12                 &lt;li&gt;{{ \$datamateri }}&lt;/li&gt; 13             @endforeach 14         &lt;/ul&gt; 15     &lt;/body&gt; 16 &lt;/html&gt;</pre>



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# Biodata

Nama : Gusti Ananda

Materi Mengajar

- Web Design
- Web Programming
- Digital Marketing
- Graphic Design