

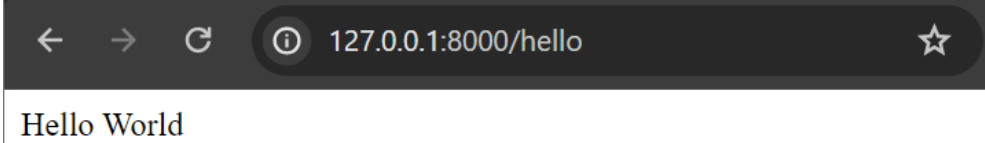
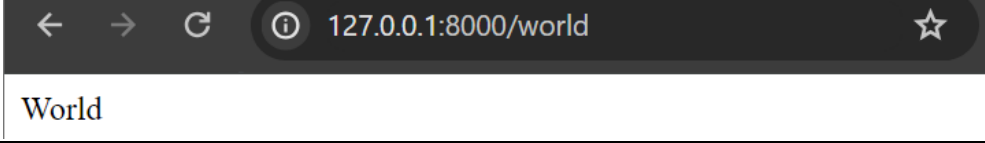
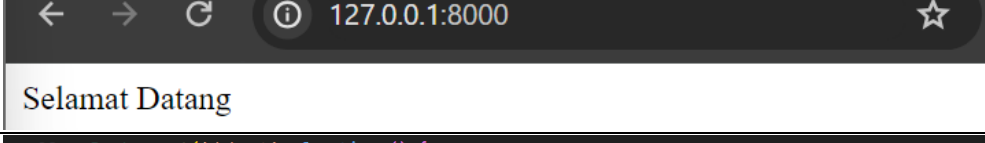
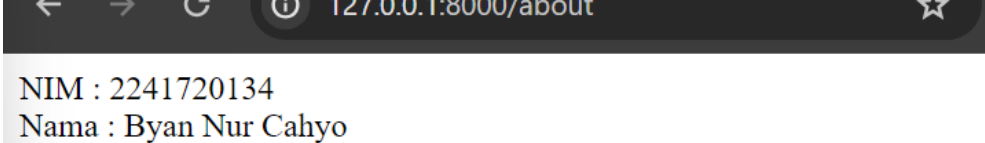


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Jobsheet-2: Routing, Controller dan View
Mata Kuliah Pemrograman Web Lanjut
Februari 2024

Nama	:	Byan Nur Cahyo
Nim	:	2241720134
Kelas	:	TI – 2H

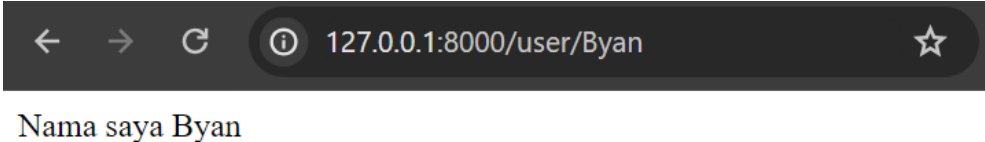
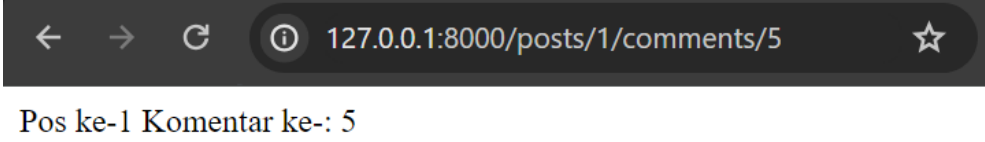
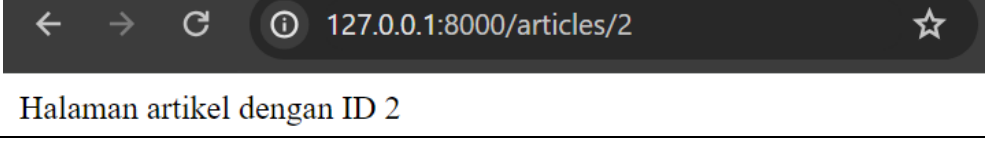
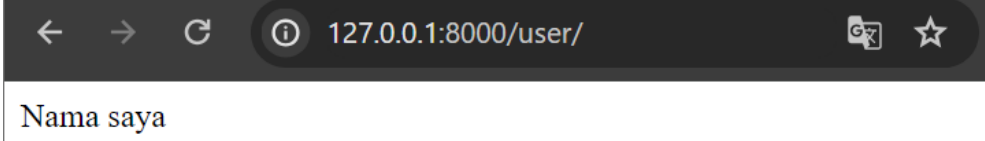
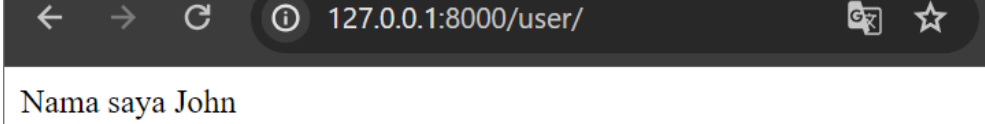
Tulislah Jawaban Pada Kolom Yang tersedia di bawah ini :

LEMBAR JAWABAN JOBSHEET-2

Soal No	Jawaban
A.	Routing
a.	Basic Routing
1.	<pre>26 Route::get('/hello', function () { 27 return 'Hello World'; 28 });</pre> 
2.	<pre>30 Route::get('/world', function () { 31 return 'World'; 32 });</pre> 
3.	<pre>34 Route::get('/', function () { 35 return 'Selamat Datang'; 36 });</pre> 
4.	<pre>38 Route::get('/about', function () { 39 return 'NIM : 2241720134
 Nama : Byan Nur Cahyo'; 40 });</pre> 

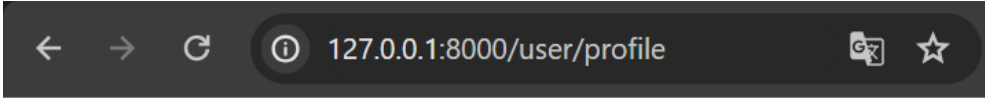


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b.	Route Parameters
1.	<pre>42 Route::get('/user/{name}', function (\$name) { 43 return 'Nama saya '.\$name; 44 });</pre>  <p>Nama saya Byan</p>
2.	<pre>46 Route::get('/posts/{post}/comments/{comment}', function (\$postId, \$commentId) { 47 return 'Pos ke-".\$postId." Komentar ke-: ".\$commentId; 48 });</pre>  <p>Pos ke-1 Komentar ke-: 5</p>
3.	<pre>50 Route::get('/articles/{id}', function (\$id) { 51 return 'Halaman artikel dengan ID '.\$id; 52 });</pre>  <p>Halaman artikel dengan ID 2</p>
c.	Optional Parameters
1.	<pre>54 Route::get('/user/{name?}', function (\$name = null) { 55 return 'Nama saya '.\$name; 56 });</pre>  <p>Nama saya</p>
2.	<pre>54 Route::get('/user/{name?}', function (\$name = 'John') { 55 return 'Nama saya '.\$name; 56 });</pre>  <p>Nama saya John</p>



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d.	Route Name
1.	<pre>58 Route::get('user/profile', function () { 59 // Route named "profile" 60 })->name('profile');</pre> 
e.	Route Group dan Route Prefixs
	<pre>Route::middleware(['first', 'second'])->group(function () { Route::get('/', function () { // Uses first & second middleware... }); Route::get('/user/profile', function () { // Uses first & second middleware... }); }); Route::domain('{account}.example.com')->group(function () { Route::get('user/{id}', function (\$account, \$id) { // }); }); Route::middleware('auth')->group(function () { Route::get('/user', [UserController::class, 'index']); Route::get('/post', [PostController::class, 'index']); Route::get('/event', [EventController::class, 'index']); });</pre>
f.	Route Prefixes
	<pre>Route::prefix('admin')->group(function () { Route::get('/user', [UserController::class, 'index']); Route::get('/post', [PostController::class, 'index']); Route::get('/event', [EventController::class, 'index']); });</pre>
g.	Redirect Routers
	<pre>Route::redirect('/here', '/there');</pre>
h.	View Routers
	<pre>Route::view('/welcome', 'welcome'); Route::view('/welcome', 'welcome', ['name' => 'Taylor']);</pre>



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B.	Controller
a.	Membuat Controller
1.	<pre>9 public function hello() { 10 return 'Hello World'; 11 } 111 Route::get('/hello', [WelcomeController::class, 'hello']);</pre> 
2.	<pre>7 class PageController extends Controller 8 { 9 public function index() { 10 return 'Selamat Datang'; 11 } 12 13 public function about() { 14 return 'NIM : 2241720134
 Nama : Byan Nur Cahyo'; 15 } 16 17 public function articles(\$id) { 18 return 'Halaman artikel dengan ID '.\$id; 19 } 20 }</pre>
3.	<pre>7 class HomeController extends Controller 8 { 9 public function index() { 10 return 'Selamat Datang'; 11 } 12 } 110 Route::get('/', [HomeController::class, 'index']);</pre>
4.	<pre>7 class AboutController extends Controller 8 { 9 public function about() { 10 return 'NIM : 2241720134
 Nama : Byan Nur Cahyo'; 11 } 12 } 112 Route::get('/about', [AboutController::class, 'about']);</pre>
5.	<pre>7 class ArticleController extends Controller 8 { 9 public function articles(\$id) { 10 return 'Halaman artikel dengan ID '.\$id; 11 } 12 } 113 Route::get('/articles/{id}', [ArticleController::class, 'articles']);</pre>
b.	Resource Controller
	<pre>use App\Http\Controllers\PhotoController; Route::resource('photos', PhotoController::class);</pre>
	<pre>Route::resource('photos', PhotoController::class)->only(['index', 'show']); Route::resource('photos', PhotoController::class)->except(['create', 'store', 'update', 'destroy']);</pre>



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C.	View
a.	Membuat View
	<div><pre><!-- View pada resources/views/hello.blade.php --> <html> <body> <h1>Hello, {{ \$name }}</h1> </body> </html> Route::get('/greeting', function () { return view('hello', ['name' => 'Byan']); });</pre><div>← → ↻ ⓘ 127.0.0.1:8000/greeting ☆</div><h1>Hello, Byan</h1></div>
b.	View dalam direktori
	<div><div>▼ resources > css > js ▼ views ▼ blog 🦋 hello.blade.php 🦋 welcome.blade.php</div><pre>Route::get('/greeting', function () { return view('blog.hello', ['name' => 'Byan']); });</pre><div>← → ↻ ⓘ 127.0.0.1:8000/greeting ☆</div><h1>Hello, Byan</h1></div>
c.	Menampilkan View dari Controller
	<div><pre>public function greeting() { return view('blog.hello', ['name' => 'Byan']); } Route::get('/greeting', [WelcomeController::class, 'greeting']);</pre><div>← → ↻ ⓘ 127.0.0.1:8000/greeting ☆</div><h1>Hello, Byan</h1></div>



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d.	Meneruskan data ke View
	<pre>class WelcomeController extends Controller { public function hello() { return 'Hello World'; } public function greeting() { return view('blog.hello') ->with('name', 'Byan Nur Cahyo') ->with('occupation', 'Astronaut'); } }</pre> <pre><!-- View pada resources/views/hello.blade.php --> <html> <body> <h1>Hello, {{ \$name }}</h1> <h1>You are {{ \$occupation }}</h1> </body> </html></pre> <p>127.0.0.1:8000/greeting</p> <p>Hello, Byan Nur Cahyo</p> <p>You are Astronaut</p>
D.	Soal Praktikum
1.	



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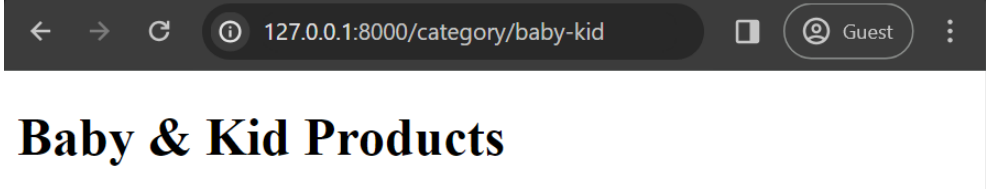
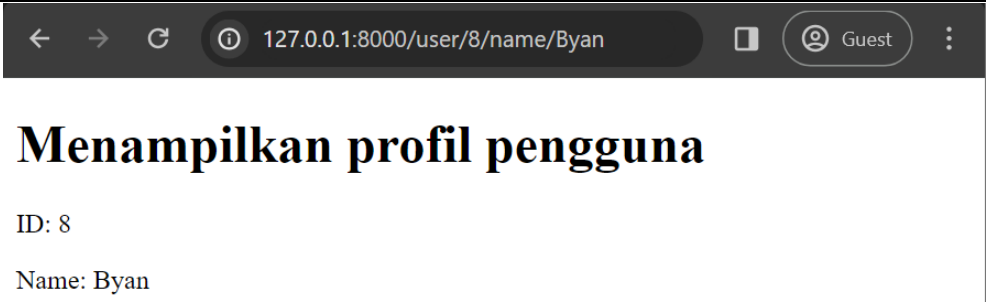

2.	<pre>Microsoft Windows [Version 10.0.22631.3155] (c) Microsoft Corporation. All rights reserved. C:\laragon\www>composer create-project laravel/laravel="10.3.*" POS Creating a "laravel/laravel=10.3.*" project at "./POS" Installing laravel/laravel (v10.3.3) - Installing laravel/laravel (v10.3.3): Extracting archive Created project in C:\laragon\www\POS > @php -r "file_exists('.env') copy('.env.example', '.env');" Loading composer repositories with package information</pre>	
3.a	Route	
	<pre>routes api.php channels.php console.php web.php storage</pre> <pre>24 Route::get('/', [HomeController::class, 'index'])->name('home'); 25 Route::get('/sales', [SalesController::class, 'index'])->name('sales'); 26 Route::get('/user/{id}/name/{name}', [UserController::class, 'show'])->name('user'); 27 Route::get('/category/food-beverage', [ProductController::class, 'foodBeverage'])->name('food-beverage'); 28 Route::get('/category/beauty-health', [ProductController::class, 'beautyHealth'])->name('beauty-health'); 29 Route::get('/category/home-care', [ProductController::class, 'homeCare'])->name('home-care'); 30 Route::get('/category/baby-kid', [ProductController::class, 'babyKid'])->name('baby-kid');</pre>	
b	Controller	
	<pre>Controllers Controller.php HomeController.php ProductController.php SalesController.php UserController.php Middleware Kernel.php Models</pre> <pre>3 namespace App\Http\Controllers; 4 5 use Illuminate\Http\Request; 6 7 class SalesController extends Controller 8 { 9 public function index() 10 { 11 return view('sales'); 12 } 13 }</pre>	
c	View	
	<pre>resources css js views products baby-kid.blade.php beauty-health.blade.php food-beverage.blade.php home-care.blade.php home.blade.php sales.blade.php user.blade.php welcome.blade.php routes api.php channels.php console.php web.php storage tests</pre> <pre>1 <!DOCTYPE html> 2 <html lang="en"> 3 <head> 4 <meta charset="UTF-8"> 5 <meta name="viewport" content="width=device-width, initial-scale=1.0"> 6 <title>Halaman Home</title> 7 </head> 8 <body> 9 <h1>Menampilkan halaman awal website</h1> 10 11 <h2>Halaman Products</h2> 12 <button onclick="window.location='{{ route('food-beverage') }}'">Food & Beverage</button> 13 <button onclick="window.location='{{ route('beauty-health') }}'">Beauty & Health</button> 14 <button onclick="window.location='{{ route('home-care') }}'">Home Care</button> 15 <button onclick="window.location='{{ route('baby-kid') }}'">Baby & Kid</button> 16 17 <h2>Halaman User</h2> 18 <button onclick="window.location='{{ route('user', ['id' => 8, 'name' => 'Bryan']) }}'">Halaman User</button> 19 20 <h2>Halaman Penjualan</h2> 21 <button onclick="window.location='{{ route('sales') }}'">Halaman Penjualan</button> 22 23 </body> 24 </html></pre>	



4.a	Home
	<div><div>← → ↺ ⓘ 127.0.0.1:8000 🏠 Guest ⋮</div><div><h2>Menampilkan halaman awal website</h2><h3>Halaman Products</h3><div>Food & Beverage Beauty & Health Home Care Baby & Kid</div><h3>Halaman User</h3><div>Halaman User</div><h3>Halaman Penjualan</h3><div>Halaman Penjualan</div></div></div>
b	Products
	<div><ul style="list-style-type: none">Food Beverages<div><div>← → ↺ ⓘ 127.0.0.1:8000/category/food-beverage 🏠 Guest ⋮</div><div><h2>Food & Beverage Products</h2></div></div>Beauty Health<div><div>← → ↺ ⓘ 127.0.0.1:8000/category/beauty-health 🏠 Guest ⋮</div><div><h2>Beauty & Health Products</h2></div></div>Home Care<div><div>← → ↺ ⓘ 127.0.0.1:8000/category/home-care 🏠 Guest ⋮</div><div><h2>Home Care Products</h2></div></div></div>



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	<ul style="list-style-type: none">• Baby Kid 
c	User
	
d	Penjualan
	
5.	