

LAPORAN 1

Integratif Programming

Instalasi Lumen



Disusun Oleh :

Nama : Ichsanul Dwi Prayitno

Nim : 4.33.20.0.14

Kelas : TI-4A

PROGRAM STUDI S.TR TEKNOLOGI REKAYASA KOMPUTER

JURUSAN TEKNIK ELEKTRO

POLITEKNIK NEGERI SEMARANG

TAHUN 2024

PRAKTEK

I. Lembar Kerja

No	Praktik	Hasil Program
1	Instalasi PHP	<p>Pada kali ini saya menggunakan Laragon</p> <p>Buka browser dan pergi ke : https://laragon.org/download/index.html</p> <p>Lalu pilih download laragon - full</p> <p>Download</p> <p>Laragon is a universal development environment. It has many benefits of Laragon</p> <p>After downloading, You can add git, phpmyadmin, Node.js, Java, Go using “Tools > Quick add”</p> <p>Note: You can also download from GitHub</p> <p>Edition</p> <p>Download Laragon - Full (173 MB)</p> <ul style="list-style-type: none">• Laragon Full (64-bit): Apache 2.4, Nginx, MySQL 5.7

Setelah download berikut tutorial pemasangan :

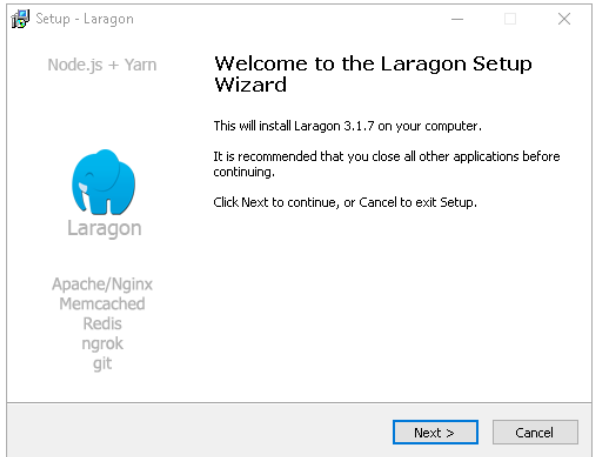
<https://laragon.org/docs/install.html>

Installation

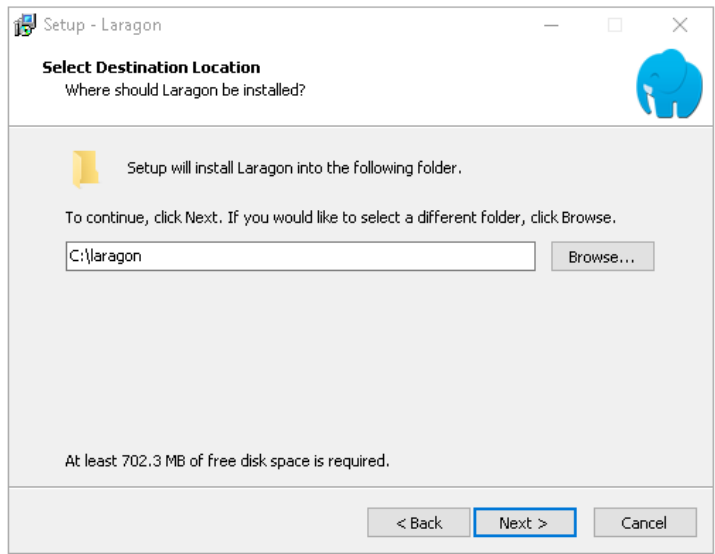
Install Laragon

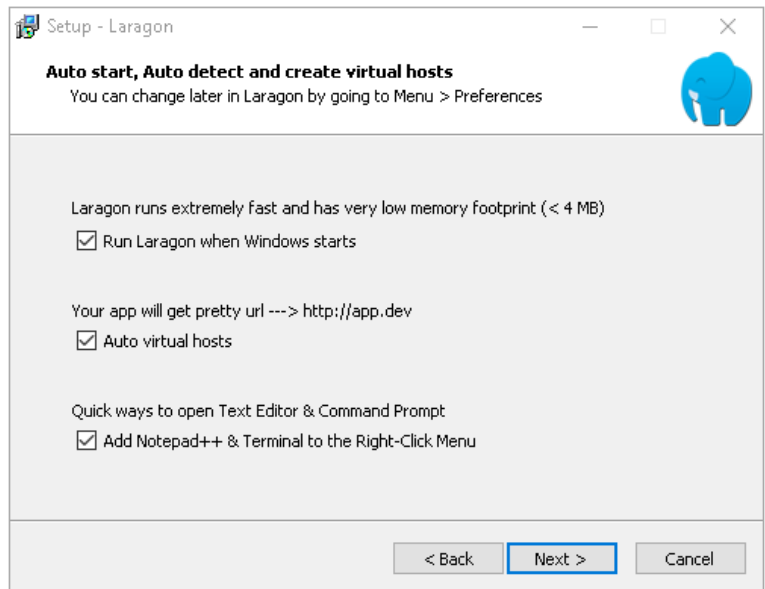
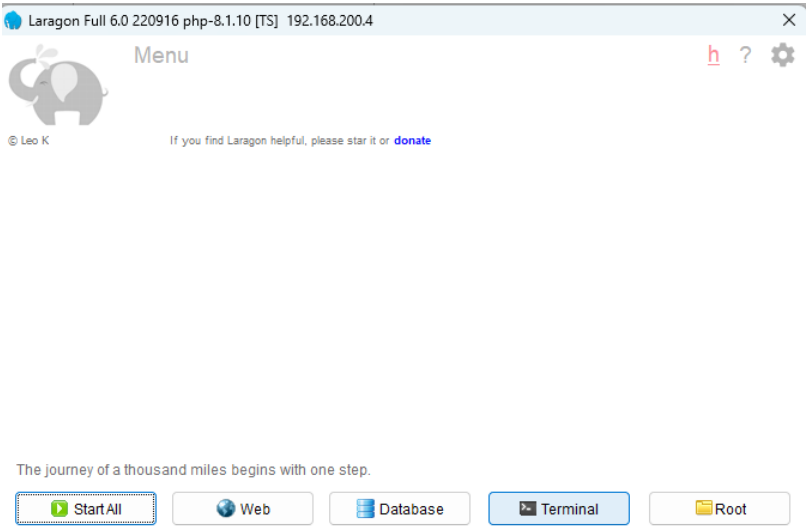
To start the journey with Laragon, just [download](#) the latest version and click **Next, Next, Next...**

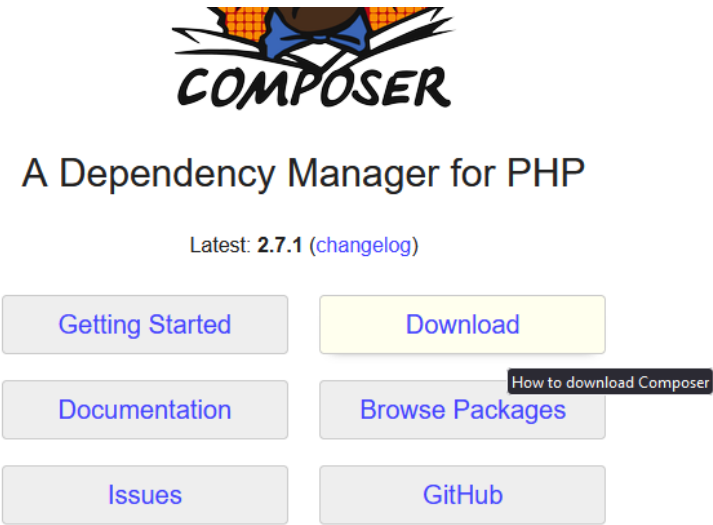
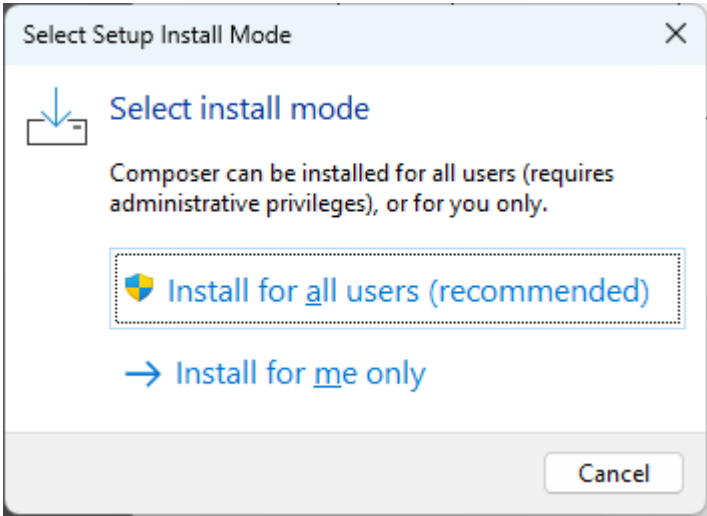
Setup - Welcome page

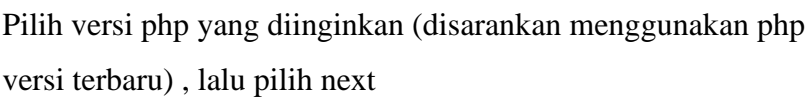


Setup - Select location

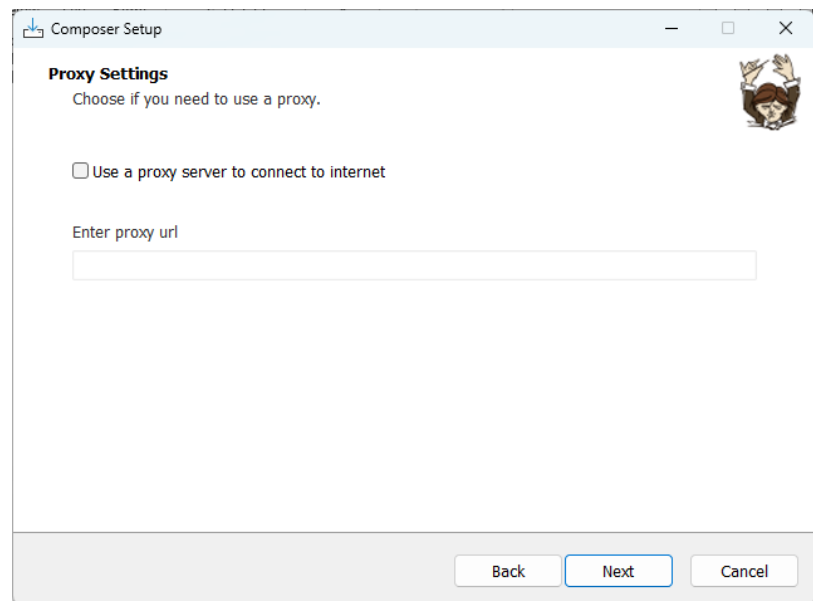


		<div data-bbox="580 208 735 237" data-label="Section-Header"> <h3>Setup - Options</h3> </div> <div data-bbox="580 259 1347 846" data-label="Form">  <p>Auto start, Auto detect and create virtual hosts You can change later in Laragon by going to Menu > Preferences</p> <p>Laragon runs extremely fast and has very low memory footprint (< 4 MB)</p> <p><input checked="" type="checkbox"/> Run Laragon when Windows starts</p> <p>Your app will get pretty url ---> http://app.dev</p> <p><input checked="" type="checkbox"/> Auto virtual hosts</p> <p>Quick ways to open Text Editor & Command Prompt</p> <p><input checked="" type="checkbox"/> Add Notepad++ & Terminal to the Right-Click Menu</p> <p>< Back Next > Cancel</p> </div> <div data-bbox="564 887 754 920" data-label="Section-Header"> <h3>Hasil instalasi</h3> </div> <div data-bbox="564 938 1374 1462" data-label="Form">  <p>Laragon Full 6.0 220916 php-8.1.10 [TS] 192.168.200.4</p> <p>Menu</p> <p>© Leo K If you find Laragon helpful, please star it or donate</p> <p>The journey of a thousand miles begins with one step.</p> <p>Start All Web Database Terminal Root</p> </div>
--	--	--

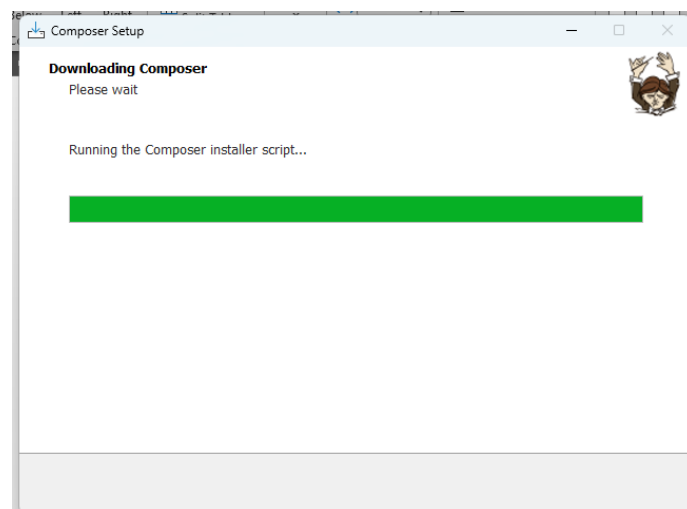
2	<p>Instalasi Composer</p>	<p>Pada Browser Buka Link : https://getcomposer.org/</p>  <p>Tekan Download dan akan dialihkan kehalaman berikut</p> <p>Download Composer Latest: v2.7.1</p> <p>Windows Installer</p> <p>The installer - which requires that you have PHP already installed - will download Composer for you and set up your PATH environment variable so you can simply call <code>composer</code> from any directory.</p> <p>Download and run Composer-Setup.exe - it will install the latest composer version whenever it is executed.</p> <p>Fokus pada bagian Windows Installer , klik Composer-Setup.exe</p> <p>Setelah selesai mendownload buka hasil download tersebut , lalu pilih install for all users</p>  <p>Pilih next</p>
---	----------------------------------	--



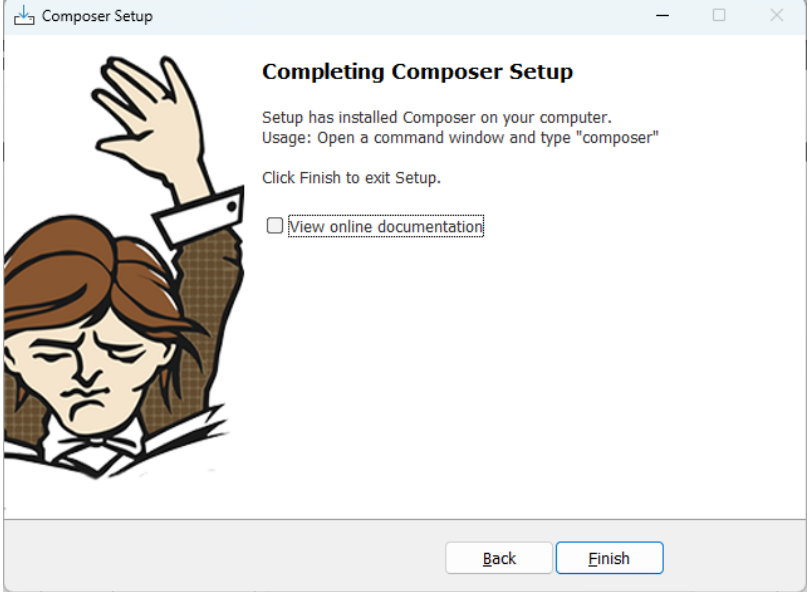
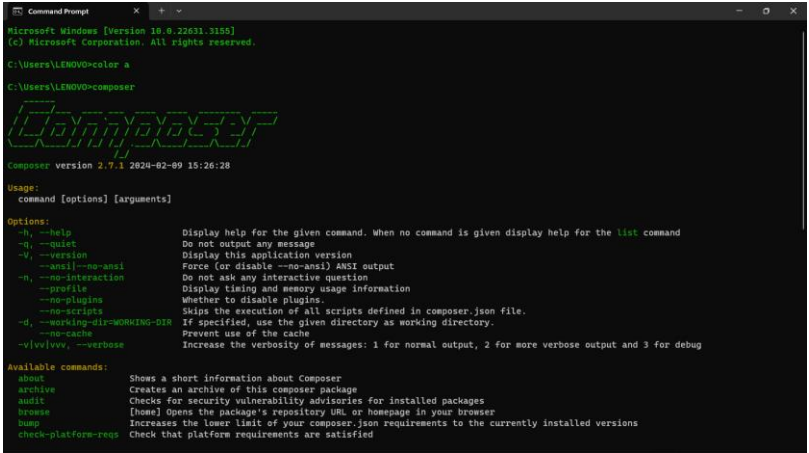
Pilih next



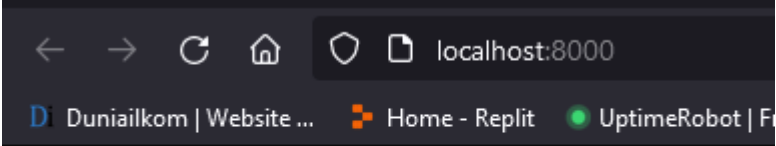
Lalu pilih install dan tunggu hingga selesai



Jika telah selesai , langkah selanjutnya pengecekan berhasilnya di install melalui CMD dengan mengetikkan composer

		 <p>Jika hasil running composer di CMD telah jadi seperti di bawah maka tandanya composer telah berhasil diinstall dengan sempurna</p> 
3	Pembuatan Projek Laravel Lumen	<p>Pada dokumentasi laravel lumen terbaru : https://lumen.laravel.com/docs/10.x</p> <p>Buka CMD lalu pada CMD ketik</p> <pre>composer create-project --prefer-dist laravel/lumen blog</pre> <p>Pada comand diatas pada awalan composer dipanggil aplikasinya , lalu dengan menggunakan comand create-project yang telah ada didalam aplikasi composer , create-project akan membuatkan projek baru dari package yang diambil , lalu comand selanjutnya --prefer-dist adalah option tambahan</p>

		<p>dari create-project yang merupakan memaksa project yang diambil dari package berupa dist , lalu comand selanjutnya laravel/lumen adalah package yang ingin diinstall , dan terakhir ialah blog adalah nama dari projek yang dibuat. Penjelasan lebih lengkapnya silahkan ketik pada CMD</p> <p>composer -h create-project</p> <pre>create-project Creates new project from a package into given directory --prefer-dist Forces installation from package dist (default behavior).</pre> <p>Setelah menjalankan comand</p> <pre>composer create-project --prefer-dist laravel/lumen blog</pre> <p>tunggu beberapa saat untuk penginstallan</p> <pre>D:\laragon\www>composer create-project --prefer-dist laravel/lumen blog Creating a "laravel/lumen" project at "./blog" https://repo.packagist.org could not be fully loaded (curl error 28 while downloading ht repo.packagist.org port 443: Timed out), package information was loaded from the local Installing laravel/lumen (v10.0.0) - Downloading laravel/lumen (v10.0.0) - Downloading laravel/lumen (v10.0.0) - Downloading laravel/lumen (v10.0.0) - Installing laravel/lumen (v10.0.0): Extracting archive Created project in D:\laragon\www\blog > @php -r "file_exists('.env') copy('.env.example', '.env');" Loading composer repositories with package information https://repo.packagist.org could not be fully loaded (curl error 28 while downloading ht repo.packagist.org port 443: Timed out), package information was loaded from the local Updating dependencies Lock file operations: 106 installs, 0 updates, 0 removals - Locking brick/math (0.11.0) - Locking carbonphp/carbon-doctrine-types (2.1.0) - Locking doctrine/inflector (2.0.10) - Locking doctrine/lexer (3.0.1) - Locking dragonmantank/cron-expression (v3.3.3) - Locking egulias/email-validator (4.0.2) - Locking fakerphp/faker (v1.23.0) - Locking fruitcake/php-cors (v1.3.0) - Locking graham-campbell/result-type (v1.1.2)</pre> <p>berikut adalah tampilan jika telah selesai</p> <pre>- Installing sebastian/complexity (3.2.0): Extracting archive - Installing sebastian/code-unit-reverse-lookup (3.0.0): Extracting archive - Installing phpunit/php-code-coverage (10.1.11): Extracting archive - Installing phar-io/version (3.2.1): Extracting archive - Installing phar-io/manifest (2.0.3): Extracting archive - Installing myclabs/deep-copy (1.11.1): Extracting archive - Installing phpunit/phpunit (10.4.1): Extracting archive 50 package suggestions were added by new dependencies, use 'composer suggest' to see details. Generating optimized autoload files 63 packages you are using are looking for funding. Use the 'composer fund' command to find out more! No security vulnerability advisories found. D:\laragon\www></pre>
4	Menjalankan Aplikasi	<p>Masuk kefolder yang telah terbuat sesuai dengan nama pada saat installasi</p>

		<pre>D:\laragon\www>cd blog</pre> <pre>D:\laragon\www\blog> </pre> <p>Lalu jalankan aplikasi menggunakan comand</p> <pre>php -S localhost:8000 -t public</pre> <pre>D:\laragon\www\blog>php -S localhost:8000 -t public [Mon Feb 26 20:47:13 2024] PHP 8.1.10 Development Server (http://localhost:8000) started</pre> <p>Lalu pada browser buka halaman : localhost:8000</p> <p>Berikut adalah hasil jika berhasil menginstall project</p>  <p>Lumen (10.0.2) (Laravel Components ^10.0)</p> <p>Penampakan CMD</p> <pre>D:\laragon\www\blog>php -S localhost:8000 -t public [Mon Feb 26 20:47:13 2024] PHP 8.1.10 Development Server (http://localhost:8000) started [Mon Feb 26 20:50:13 2024] [::1]:57763 Accepted [Mon Feb 26 20:50:15 2024] [::1]:57763 [200]: GET / [Mon Feb 26 20:50:15 2024] [::1]:57763 Closing [Mon Feb 26 20:50:16 2024] [::1]:57765 Accepted [Mon Feb 26 20:50:16 2024] [::1]:57765 [404]: GET /favicon.ico - No such file or directory [Mon Feb 26 20:50:16 2024] [::1]:57765 Closing</pre>
--	--	--

TEORI

I. Lembar Soal

N/A

II. Lembar Kerja

N/A