

Laporan Pratikum Pemrograman Web 2

Dosen Pengampu : Muhammad Miftakhul Syaikh



Oleh:

Barani Nursaid (4122054)

PRODI SISTEM INFORMASI 2024

UNIVERSITAS PESANTREN TINGGI DARUL ULUM

JOMBANG

Nama : Barani Nursaid

Nim : 4122054

Kelas : B

Mata Kuliah : Pemweb 2

Tugas : 2

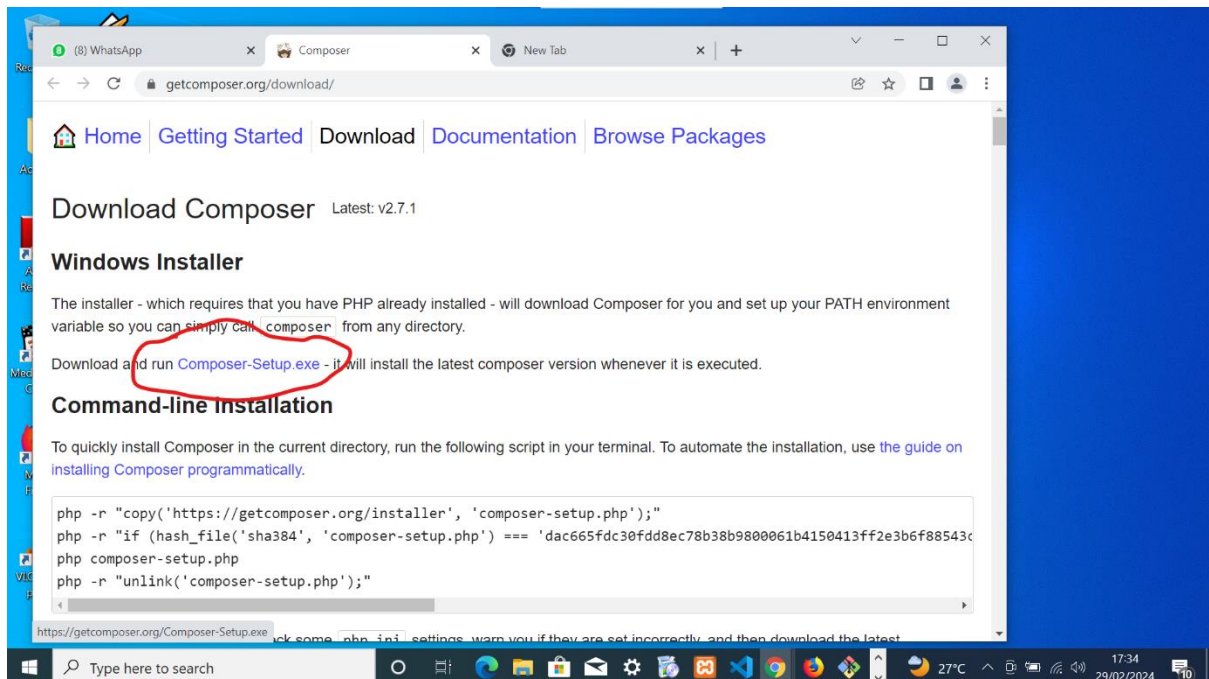
Instalasi Framework CI.4

Instal Software

1. Composer
2. VS Code
3. Xampp
4. Git Bash

Composer

Pertama-tama donwload Composer, klik bundaran merah yang telah saya buat dibawah



Lalu instal composer yang telah anda download tadi

Selanjutnya cek composer yang sudah anda instal, pertama buka git bash lalu ketik “composer” seperti dibawah

```
MINGW64/c/Users/User
user@DESKTOP-MUAAH04 MINGW64 ~
$ composer

Composer version 2.7.1 2024-02-09 15:26:28

Usage:
  command [options] [arguments]

Options:
  -h, --help                Display help for the given command. When no command is given display help for the list command
  -q, --quiet               Do not output any message
  -V, --version              Display this application version
      --ansi|--no-ansi      Force (or disable --no-ansi) ANSI output
  -n, --no-interaction      Do not ask any interactive question
      --profile              Display timing and memory usage information
      --no-plugins           Whether to disable plugins.
      --no-scripts           Skips the execution of all scripts defined in composer.json file.
  -d, --working-dir=WORKING-DIR If specified, use the given directory as working directory.
      --no-cache             Prevent use of the cache
  -vv|--vv|--vvv, --verbose Increase the verbosity of messages: 1 for normal output, 2 for more verbose output and 3 for debug

Available commands:
  about               Shows a short information about Composer
  archive             Creates an archive of this composer package
  audit               Checks for security vulnerability advisories for installed packages
  browse              [home] Opens the package's repository URL or homepage in your browser
  bump                Increases the lower limit of your composer.json requirements to the currently installed versions
  check-platform-reqs Check that platform requirements are satisfied
  clear-cache          [clearcache[cc]] Clears composer's internal package cache
  completion           Dump the shell completion script
  config              Sets config options
  create-project       Creates new project from a package into given directory
  depends              [why] Shows which packages cause the given package to be installed
  diagnose             Diagnoses the system to identify common errors
  dump-autoload        [dumpautoload] Dumps the autoloader
```

Setelah itu ketik “php -v”, seperti dibawah

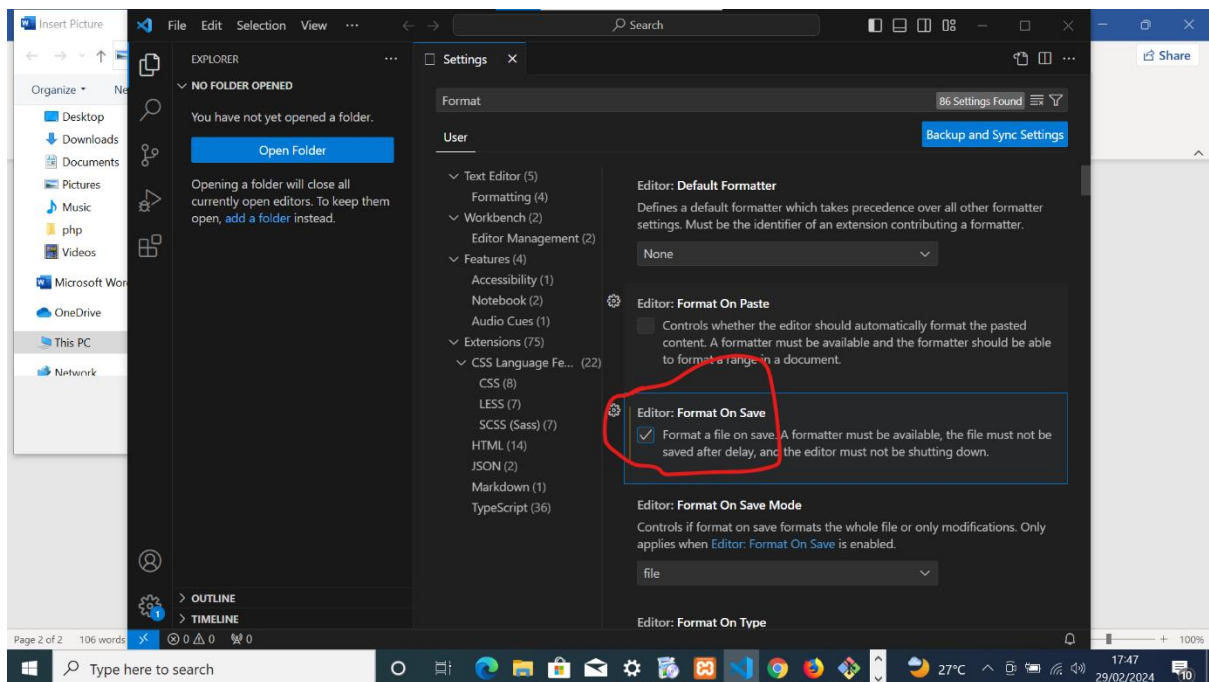
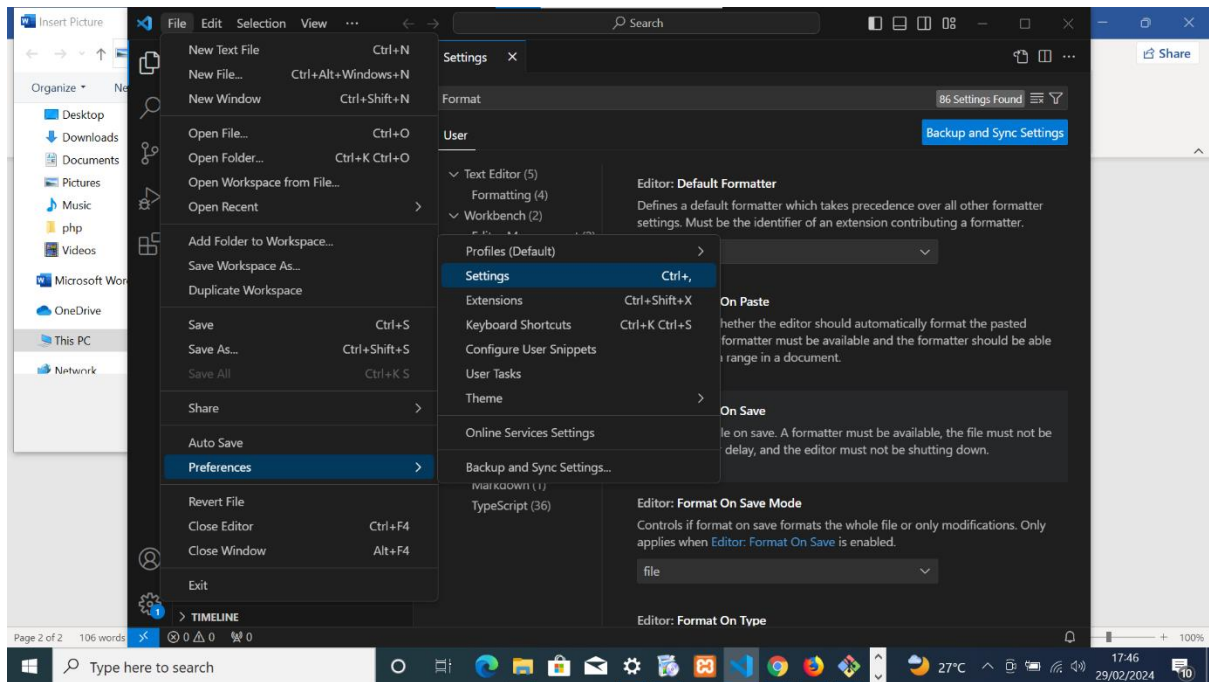
```
MINGW64/c/Users/User
clear-cache           [clearcache[cc]] Clears composer's internal package cache
completion            Dump the shell completion script
config                Sets config options
create-project         Creates new project from a package into given directory
depends                [why] Shows which packages cause the given package to be installed
diagnose              Diagnoses the system to identify common errors
dump-autoload          [dumpautoload] Dumps the autoloader
exec                  Executes a vendored binary/script
fund                  Discover how to help fund the maintenance of your dependencies
global                Allows running commands in the global composer dir ($COMPOSER_HOME)
help                  Display help for a command
init                  Creates a basic composer.json file in current directory
install               [i] Installs the project dependencies from the composer.lock file if present, or falls back on the composer.json
licenses              Shows information about licenses of dependencies
list                  List commands
outdated              Shows a list of installed packages that have updates available, including their latest version
prohibits              [why-not] Shows which packages prevent the given package from being installed
reinstall             Uninstalls and reinstalls the given package names
remove                [rm] Removes a package from the require or require-dev
require               [r] Adds required packages to your composer.json and installs them
run-script             [run] Runs the scripts defined in composer.json
search                Searches for packages
self-update            [selfupdate] Updates composer.phar to the latest version
show                  [info] Shows information about packages
status                Shows a list of locally modified packages
suggests              Shows package suggestions
update                [update] Updates your dependencies to the latest version according to composer.json, and updates the composer.lock file
validate              Validates a composer.json and composer.lock

user@DESKTOP-MUAAH04 MINGW64 ~
$ php -v
bash: php-v: command not found

user@DESKTOP-MUAAH04 MINGW64 ~
$ php -v
PHP 8.0.30 (cli) (built: Sep 1 2023 14:15:38) ( ZTS Visual C++ 2019 x64 )
Copyright (c) The PHP Group
Zend Engine v4.0.30, Copyright (c) Zend Technologies
```

VS Code

Instal vs code yang telah anda download, lalu buka vs code tersebut, kemudian klik file>preferences>setting/ctrl+, kemudian ketik “Format”, kemudian centang pada format on save, seperti dibawah ini



CodeIgniter4

Buka folder xampp>htdocs>klik kanan buka git bash, ketik “composer create-project codeigniter4/appstarter nama project anda(disini nama project saya “project_root”)”

```
MINGW64/c:/xampp/htdocs
user@DESKTOP-HUAAH04 MINGW64 /c:/xampp/htdocs
$ composer create-project codeigniter4/appstarter project_root
Creating a "codeigniter4/appstarter" project at "./project_root"
Installing codeigniter4/appstarter (v4.4.6)
- Installing codeigniter4/appstarter (v4.4.6): Extracting archive
Created project in C:\xampp\htdocs\project_root
Loading composer repositories with package information
Updating dependencies
Lock file operations: 35 installs, 0 updates, 0 removals
- Locking codeigniter4/framework (v4.4.6)
- Locking doctrine/instantiator (1.5.0)
- Locking fakerphp/faker (v1.23.1)
- Locking laminas/laminas-escaper (2.12.0)
- Locking mikey179/vfsstream (v1.6.11)
- Locking myclabs/deep-copy (1.11.1)
- Locking nikic/php-parser (v5.0.1)
- Locking phar-io/manifest (2.0.3)
- Locking phar-io/version (3.2.1)
- Locking phpunit/php-code-coverage (9.2.30)
- Locking phpunit/php-file-iterator (3.0.6)
- Locking phpunit/php-invoker (3.1.1)
- Locking phpunit/php-text-template (2.0.4)
- Locking phpunit/php-timer (5.0.3)
- Locking phpunit/phpunit (9.6.17)
- Locking psr/container (2.0.2)
- Locking psr/log (1.1.4)
- Locking sebastian/cli-parser (1.0.1)
- Locking sebastian/code-unit (1.0.8)
- Locking sebastian/code-unit-reverse-lookup (2.0.3)
- Locking sebastian/comparator (4.0.8)
- Locking sebastian/complexity (2.0.3)
- Locking sebastian/diff (4.0.5)
- Locking sebastian/environment (5.1.5)
- Locking sebastian/exporter (4.0.5)
- Locking sebastian/global-state (5.0.6)
- Locking sebastian/lines-of-code (1.0.4)
- Locking sebastian/object-enumerator (4.0.4)
- Locking sebastian/object-reflector (2.0.4)
- Locking sebastian/recursion-context (4.0.5)
- Locking sebastian/resource-operations (3.0.3)
- Locking sebastian/type (3.2.1)
- Locking sebastian/version (3.0.2)
- Locking symfony/deprecation-contracts (v3.0.2)
- Locking theseer/tokenizer (1.2.2)
Writing lock file
Installing dependencies from lock file (including require-dev)
Package operations: 35 installs, 0 updates, 0 removals
- Downloading psr/log (1.1.4)
- Downloading laminas/laminas-escaper (2.12.0)
```

```
MINGW64/c:/xampp/htdocs
- Downloading phpunit/php-code-coverage (9.2.30)
- Downloading phar-io/version (3.2.1)
- Downloading phar-io/manifest (2.0.3)
- Downloading myclabs/deep-copy (1.11.1)
- Downloading doctrine/instantiator (1.5.0)
- Downloading phpunit/phpunit (9.6.17)
- Installing psr/log (1.1.4): Extracting archive
- Installing laminas/laminas-escaper (2.12.0): Extracting archive
- Installing codeigniter4/framework (v4.4.6): Extracting archive
- Installing symfony/deprecation-contracts (v3.0.2): Extracting archive
- Installing psr/container (2.0.2): Extracting archive
- Installing fakerphp/faker (v1.23.1): Extracting archive
- Installing mikey179/vfsstream (v1.6.11): Extracting archive
- Installing sebastian/version (3.0.2): Extracting archive
- Installing sebastian/type (3.2.1): Extracting archive
- Installing sebastian/resource-operations (3.0.3): Extracting archive
- Installing sebastian/recursion-context (4.0.5): Extracting archive
- Installing sebastian/object-reflector (2.0.4): Extracting archive
- Installing sebastian/object-enumerator (4.0.4): Extracting archive
- Installing sebastian/global-state (5.0.6): Extracting archive
- Installing sebastian/exporter (4.0.5): Extracting archive
- Installing sebastian/environment (5.1.5): Extracting archive
- Installing sebastian/diff (4.0.5): Extracting archive
- Installing sebastian/comparator (4.0.8): Extracting archive
- Installing sebastian/code-unit (1.0.8): Extracting archive
- Installing sebastian/cli-parser (1.0.1): Extracting archive
- Installing phpunit/php-timer (5.0.3): Extracting archive
- Installing phpunit/php-text-template (2.0.4): Extracting archive
- Installing phpunit/php-invoker (3.1.1): Extracting archive
- Installing phpunit/php-file-iterator (3.0.6): Extracting archive
- Installing theseer/tokenizer (1.2.2): Extracting archive
- Installing nikic/php-parser (v5.0.1): Extracting archive
- Installing sebastian/lines-of-code (1.0.4): Extracting archive
- Installing sebastian/complexity (2.0.3): Extracting archive
- Installing phpunit/php-code-coverage (9.2.30): 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 doctrine/instantiator (1.5.0): Extracting archive
- Installing phpunit/phpunit (9.6.17): Extracting archive
19 package suggestions were added by new dependencies, use "composer suggest" to see details.
Generating optimized autoload files
27 packages you are using are looking for funding.
use the "composer fund" command to find out more!
No security vulnerability advisories found.
user@DESKTOP-HUAAH04 MINGW64 /c:/xampp/htdocs
$
```

Kemudian buka git bash di folder xampp>cd htdocs>cd nama project anda, kemudian ketik “php spark serve”

```
MINGW64/c/xampp/htdocs/project_root
user@DESKTOP-HJAAH04 MINGW64 /c/xampp/htdocs
$ cd project_root
user@DESKTOP-HJAAH04 MINGW64 /c/xampp/htdocs/project_root
$ php spark serve
CodeIgniter v4.4.6 Command Line Tool - Server Time: 2024-02-29 10:21:50 UTC+00:00
CodeIgniter development server started on http://localhost:8080
Press Control-C to stop.
[Thu Feb 29 17:21:51 2024] PHP 8.0.30 Development Server (http://localhost:8080) started
```

Setelah melakukan Langkah-langkah diatas, buka chrome ketik localhost:8080(ini adalah alamat yang diberikan kepada saya setelah mengetik “php spark serve”)

