

LAPORAN PRAKTIKUM BASIS DATA

MINGGU KE-13



DISUSUN OLEH :

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JURUSAN TEKNIK

PROGRAM STUDI TEKNOLOGI INFORMASI

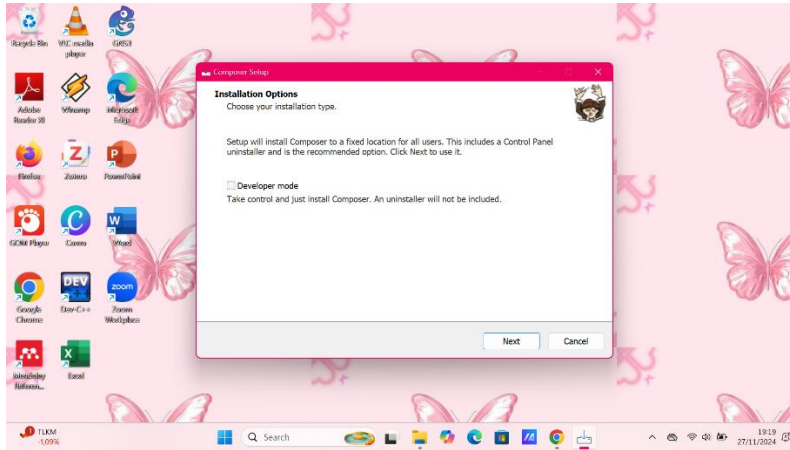
POLITEKNIK NEGERI MADIUN

TAHUN 2024/2025

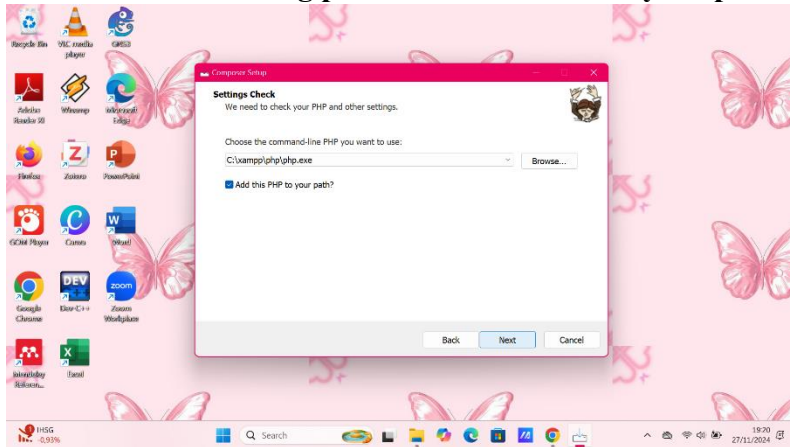
SEBAGAI ANGGOTA 1

1. Install Composer

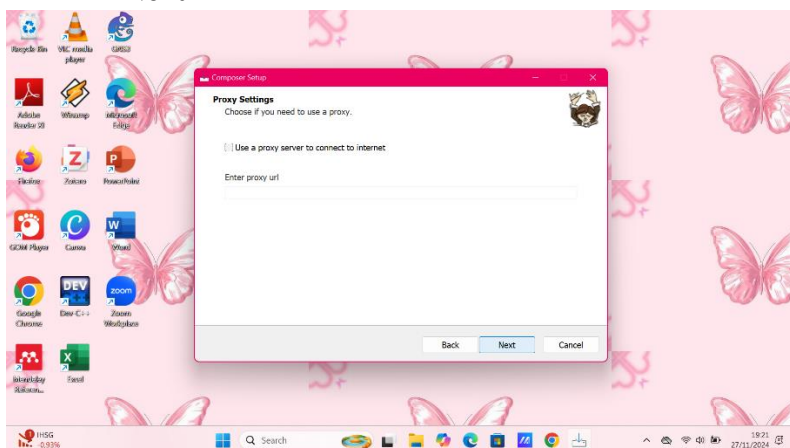
- **Klik Next**



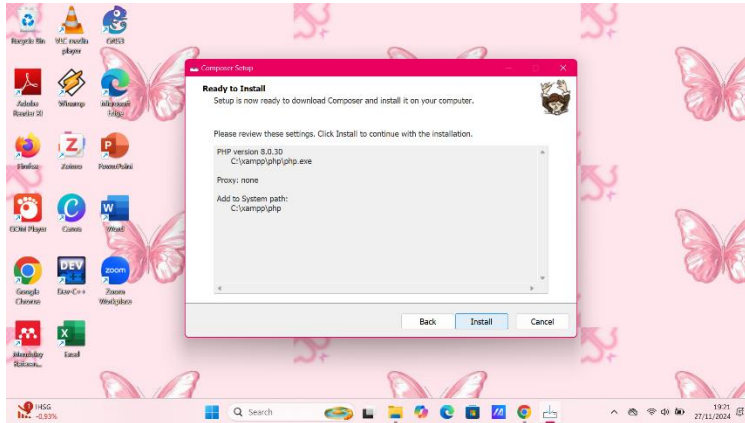
- **Beri tanda centang pada “Add this PHP to your path?” lalu klik next.**



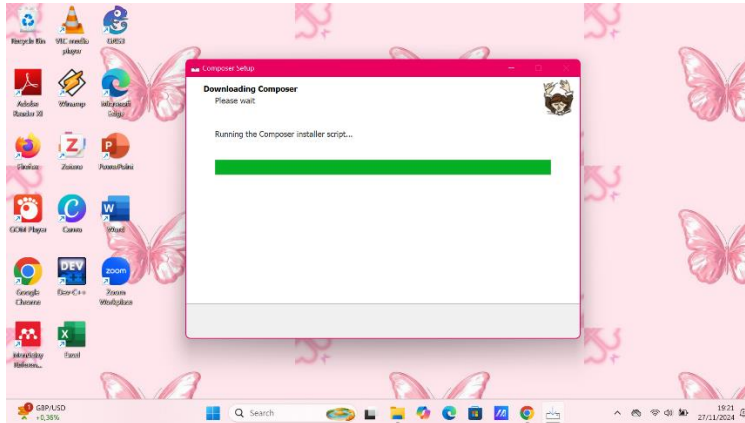
- **Klik Next**



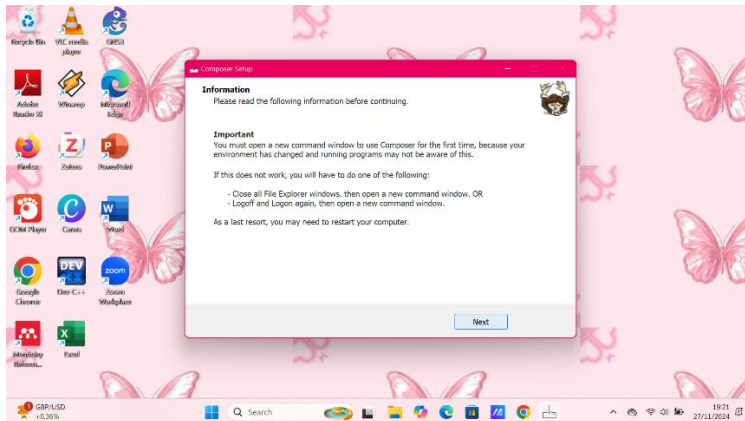
- Klik Install



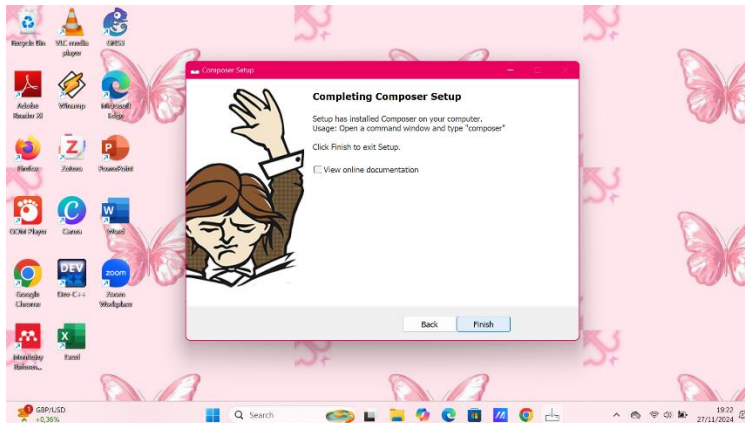
- Tunggu sampai selesai



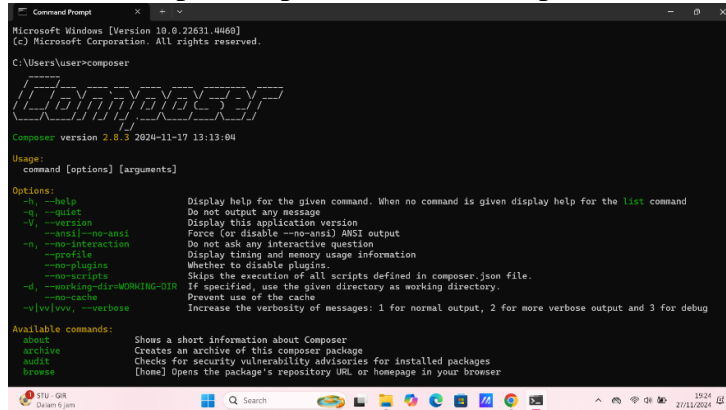
- Lalu klik next



- Klik Finish



- Jika tampilan seperti ini maka composer sudah berhasil terinstall



```
Microsoft Windows [Version 10.0.22631.4060]
(c) Microsoft Corporation. All rights reserved.

C:\Users\user>composer

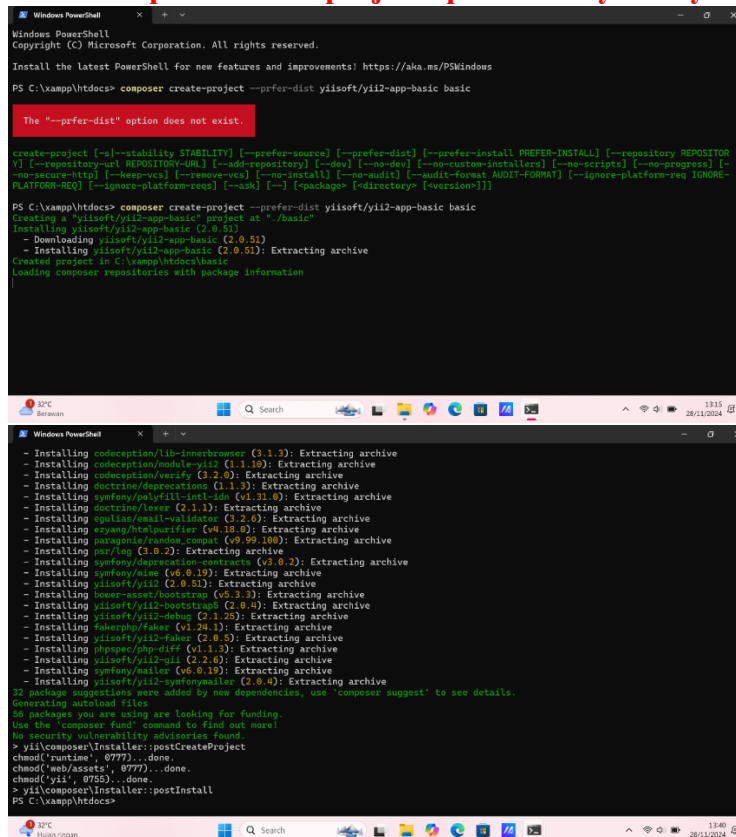
Composer version 2.8.3 2024-11-17 13:13:04

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
                             Force (or disable) ANSI output
  -n, --no-ansi             Force (or disable) ANSI output
  -n, --no-interaction      Do not ask any interactive question
  -p, --profile             Display timing and memory usage information
  -p, --no-plugins          Whether to disable plugins.
                             Skips the execution of all scripts defined in composer.json file.
                             If specified, use the given directory as working directory.
  -d, --working-dir=WORKING-DIR
                             If specified, use the given directory as working directory.
                             Prevent use of the cache
  --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
```

2. Ketik **composer create-project --prefer-dist yiisoft/yii2-app-basic basic**



```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\xampp\htdocs> composer create-project --prefer-dist yiisoft/yii2-app-basic basic

The "--prefer-dist" option does not exist.

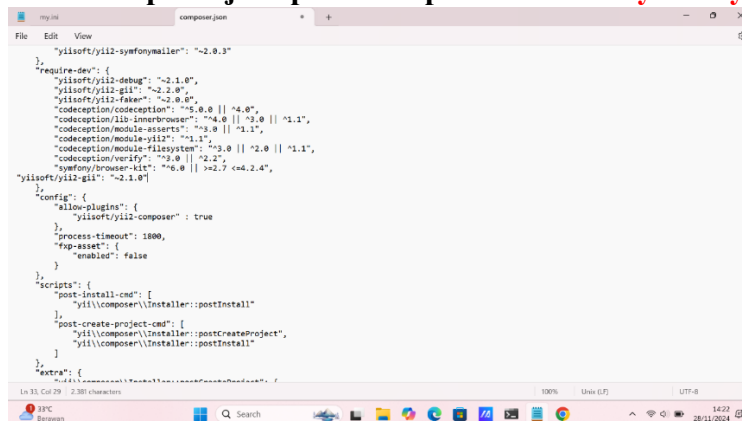
create-project [-s|--stability STABILITY] [--prefer-source] [--prefer-dist] [--prefer-install PREFER-INSTALL] [--repository REPOSITORY]
[--repository-url REPOSITORY-URL] [--add-repository] [--dev] [--no-dev] [--no-custom-installers] [--no-scripts] [--no-progress] [-
--no-cache-dir] [--keep-vcs] [--no-vcs] [--no-install] [--no-audit] [--audit-format AUDIT-FORMAT] [--ignore-platform-req IGNORE-
PLATFORM-REQ] [--ignore-platform-req-check] [--package] [--directory] [--version]]]

PS C:\xampp\htdocs> composer create-project --prefer-dist yiisoft/yii2-app-basic basic
Creating a yiisoft/yii2-app-basic project at ./basic
Installing yiisoft/yii2-app-basic (2.0.51)
- Downloading yiisoft/yii2-app-basic (2.0.51)
- Installing yiisoft/yii2-app-basic (2.0.51): Extracting archive
Created project in C:\xampp\htdocs\basic
Loading composer repositories with package information

- Installing codeception/lib-innerbrowser (3.1.3): Extracting archive
- Installing codeception/module-asserts (3.1.3): Extracting archive
- Installing codeception/module-xml (3.2.0): Extracting archive
- Installing doctrine/deprecations (1.1.3): Extracting archive
- Installing symfony/polyfill-mbstring (v1.31.0): Extracting archive
- Installing doctrine/lexer (2.1.1): Extracting archive
- Installing egulias/email-validator (3.2.0): Extracting archive
- Installing ezyang/htmlpurifier (v4.18.0): Extracting archive
- Installing paragonie/random-compat (v9.99.100): Extracting archive
- Installing paragonie/random (v2.0.2): Extracting archive
- Installing symfony/deprecation-contracts (v3.0.2): Extracting archive
- Installing symfony/polyfill-php80 (v1.31.0): Extracting archive
- Installing yiisoft/yii2 (2.0.51): Extracting archive
- Installing yiisoft/yii2-bootstrap (2.0.4): Extracting archive
- Installing yiisoft/yii2-debug (2.1.20): Extracting archive
- Installing fakerphp/faker (v1.24.1): Extracting archive
- Installing yiisoft/yii2-faker (2.0.3): Extracting archive
- Installing phpdocumentor/phpdocumentor (v4.3.3): Extracting archive
- Installing yiisoft/yii2-gii (2.2.0): Extracting archive
- Installing symfony/mailer (v6.0.19): Extracting archive
- Installing yiisoft/yii2-symfonymailer (2.0.4): Extracting archive

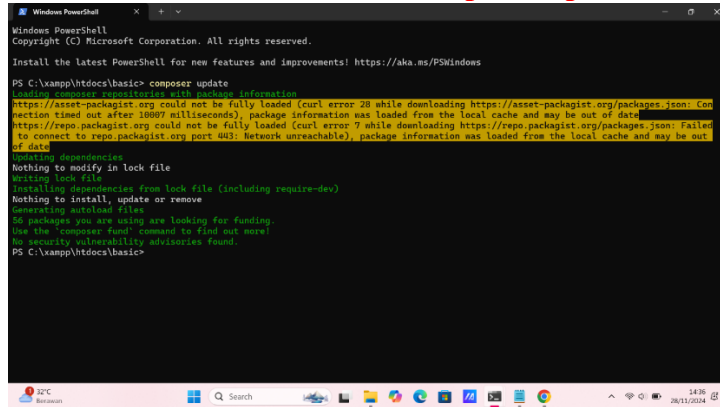
32 package suggestions were added by new dependencies, use 'composer suggest' to see details.
Generating autoload files
50 packages you are using are looking for funding.
Use the 'composer fund' command to find out more!
No security vulnerability advisories found.
> yii\composer\Installer::postCreateProject
chmod('runtime', 0777)...done.
chmod('web/assets', 0777)...done.
chmod('yii', 0755)...done.
> yii\composer\Installer::postInstall
PS C:\xampp\htdocs>
```

3. Buka composer.json pada notepad lalu ketik **“yiisoft/yii2-gii”: “~2.0.0”**



```
File Edit View composer.json
{
    "yiisoft/yii2-symfonymailer": "~2.0.3",
    "require-dev": {
        "yiisoft/yii2-debug": "~2.1.0",
        "yiisoft/yii2-gii": "~2.2.0",
        "yiisoft/yii2-faker": "~2.0.0",
        "codeception/codeception": "~4.0.0 || ~4.0",
        "codeception/lib-innerbrowser": "~4.0 || ~3.0 || ~1.1",
        "codeception/module-asserts": "~3.0 || ~1.1",
        "codeception/module-yii2": "~1.1",
        "codeception/module-filesystem": "~3.0 || ~2.0 || ~1.1",
        "codeception/verify": "~2.0 || ~2.2",
        "symfony/browser-kit": "~6.0 || >=2.7 <=2.4",
        "yiisoft/yii2-gii": "~2.1.0"
    },
    "config": {
        "allow-plugins": {
            "yiisoft/yii2-composer": true
        },
        "process-timeout": 1800,
        "http-asset": {
            "enabled": false
        }
    },
    "scripts": {
        "post-install-cmd": [
            "yii\\composer\\Installer::postInstall"
        ],
        "post-create-project-cmd": [
            "yii\\composer\\Installer::postCreateProject",
            "yii\\composer\\Installer::postInstall"
        ]
    },
    "extra": {
        "branch-alias": {
            "dev-master": "2.0.x-dev"
        }
    }
}
```

- Lalu buka terminal ketik **composer update**

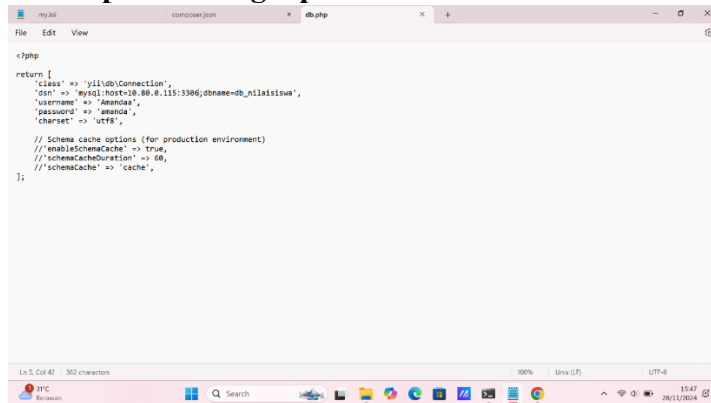


```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\xampp\htdocs\basic> composer update
Composer is able to determine the required packages information
https://asset-packagist.org could not be fully loaded (curl error 28 while downloading https://asset-packagist.org/packages.json: Connection timed out after 10007 milliseconds), package information was loaded from the local cache and may be out of date
https://repo.packagist.org could not be fully loaded (curl error 7 while downloading https://repo.packagist.org/packages.json: Failed to connect to repo.packagist.org port 443: Network unreachable), package information was loaded from the local cache and may be out of date
Updating dependencies
Nothing to modify in lock file
Writing lock file
Installing dependencies from lock file (including require-dev)
Nothing to install, update or remove
Generating autoload files
30 packages you are using are looking for funding
Use the 'composer fund' command to find out more!
No security vulnerability advisories found.
PS C:\xampp\htdocs\basic>
```

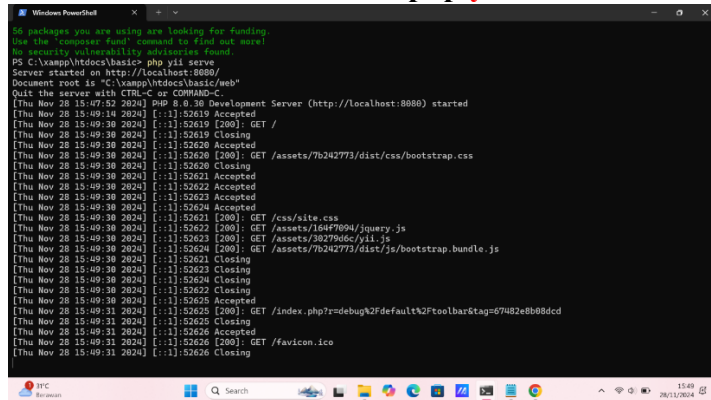
- Buka db.php pada notepad lalu isikan host, portnya berapa, nama databasenya, username dan password yang telah dibuat oleh anggota 2 yang berperan sebagai pembuat user.



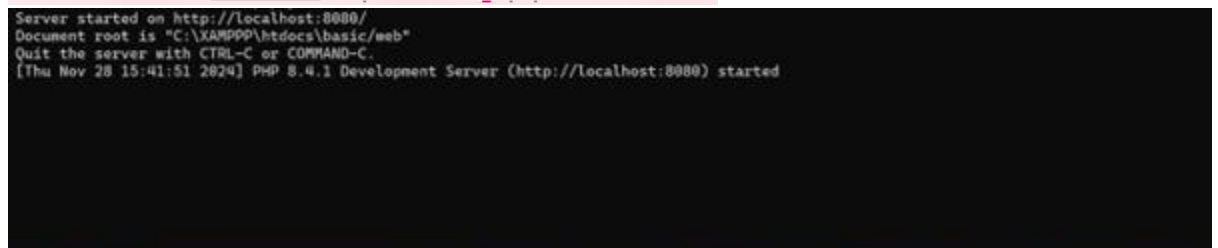
```
<?php
return [
    'class' => 'yii\db\Connection',
    'dsn' => 'mysql:host=localhost;dbname=db_milaisina',
    'username' => 'Amandas',
    'password' => 'Amandas',
    'charset' => 'utf8',

    // Schema cache options (for production environment)
    // 'enableSchemaCache' => true,
    // 'schemaCacheDuration' => 60,
    // 'schemaCache' => 'cache',
];
```

- Lalu buka terminal ketik **php yii serve**

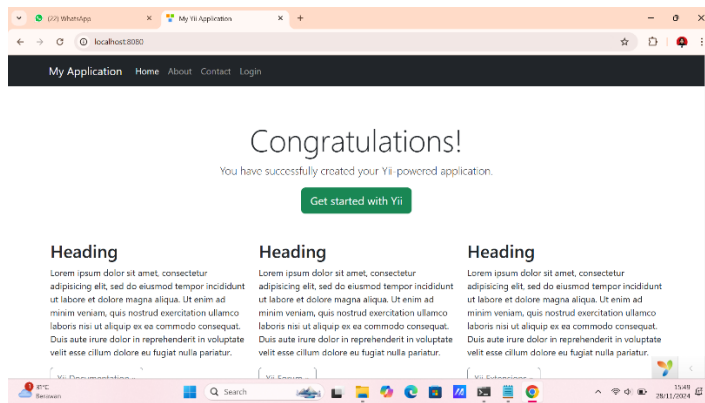


```
PS C:\xampp\htdocs\basic> php yii serve
Server started on http://localhost:8080/
Document root is "C:\xampp\htdocs\basic\web"
Quit the server with CTRL-C or COMMAND-C.
[Thu Nov 28 15:07:52 2024] PHP 8.0.30 Development Server (http://localhost:8080) started
[Thu Nov 28 15:09:31 2024] [::1]:52619 Accepted.
[Thu Nov 28 15:09:30 2024] [::1]:52619 [200]: GET /
[Thu Nov 28 15:09:30 2024] [::1]:52619 Closing.
[Thu Nov 28 15:09:30 2024] [::1]:52620 Accepted.
[Thu Nov 28 15:09:30 2024] [::1]:52620 [200]: GET /assets/7b242773/dist/css/bootstrap.css
[Thu Nov 28 15:09:30 2024] [::1]:52620 Closing.
[Thu Nov 28 15:09:30 2024] [::1]:52621 Accepted.
[Thu Nov 28 15:09:30 2024] [::1]:52622 Accepted.
[Thu Nov 28 15:09:30 2024] [::1]:52623 Accepted.
[Thu Nov 28 15:09:30 2024] [::1]:52624 Accepted.
[Thu Nov 28 15:09:30 2024] [::1]:52621 [200]: GET /css/site.css
[Thu Nov 28 15:09:30 2024] [::1]:52622 [200]: GET /assets/164f9894/jquery.js
[Thu Nov 28 15:09:30 2024] [::1]:52623 [200]: GET /assets/3029d6dc/yii.js
[Thu Nov 28 15:09:30 2024] [::1]:52624 [200]: GET /assets/7b242773/dist/js/bootstrap.bundle.js
[Thu Nov 28 15:09:30 2024] [::1]:52623 Closing.
[Thu Nov 28 15:09:30 2024] [::1]:52624 Closing.
[Thu Nov 28 15:09:30 2024] [::1]:52622 Closing.
[Thu Nov 28 15:09:30 2024] [::1]:52625 Accepted.
[Thu Nov 28 15:09:31 2024] [::1]:52626 [200]: GET /index.php?r=debug%2Fdefault%2Ftoolbar&tag=67482eb08dcd
[Thu Nov 28 15:09:31 2024] [::1]:52626 Closing.
[Thu Nov 28 15:09:31 2024] [::1]:52626 [200]: GET /favicon.ico
[Thu Nov 28 15:09:31 2024] [::1]:52626 Closing.
```

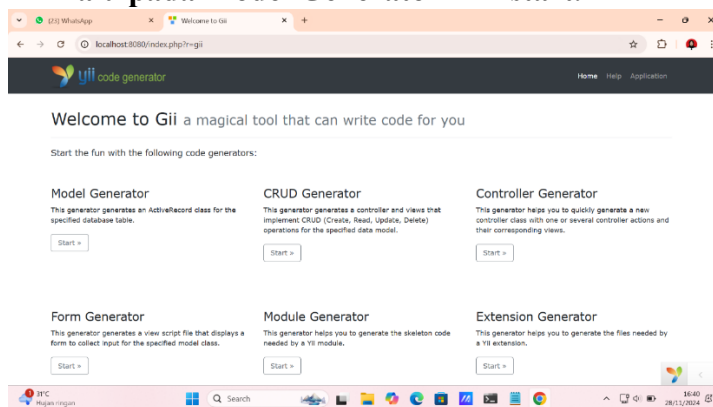


```
Server started on http://localhost:8080/
Document root is "C:\xampp\htdocs\basic\web"
Quit the server with CTRL-C or COMMAND-C.
[Thu Nov 28 15:41:51 2024] PHP 8.4.1 Development Server (http://localhost:8080) started
```

- **Lalu salin localhost yang ada diterminal, tempelkan pada browser. Setelah itu klik Get started with Yii.**



- **Lalu pada Model Generator klik start.**



- **Tampilannya akan seperti ini**

