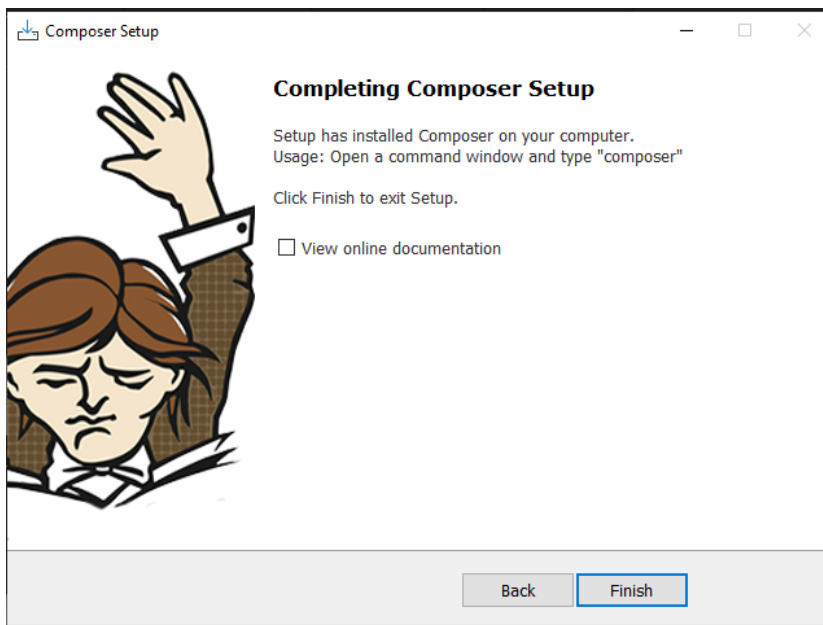


**LAPORAN TUGAS**  
**BASIS DATA**  
**PERAN KE-1 PERTEMUAN KE-13**



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**2024**

## 1. Download composer



## 2. Masuk ke terminal command prompt dan membuat proyek pada composer dengan mengetikkan *composer create project --prefer-dist yiisoft/yii2-app-basic basic*

```
C:\WINDOWS\system32\cmd.exe - composer create-project --prefer-dist yiisoft/yii2-app-basic basic

C:\Users\hp>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)
- Installing yiisoft/yii2-app-basic (2.0.51): Extracting archive
Created project in C:\Users\hp\basic
Loading composer repositories with package information
Updating dependencies
Lock file operations: 85 installs, 0 updates, 0 removals
- Locking behat/gherkin (v4.10.0)
- Locking bower-asset/bootstrap (v5.3.3)
- Locking bower-asset/inputmask (5.0.9)
- Locking bower-asset/jquery (3.7.1)
- Locking bower-asset/punycode (v2.3.1)
- Locking bower-asset/yii2-pjax (2.0.8)
- Locking cebe/markdown (1.2.1)
- Locking codeception/codeception (5.1.2)
- Locking codeception/lib-asserts (2.1.0)
- Locking codeception/lib-innerbrowser (3.1.3)
- Locking codeception/lib-web (1.0.6)
- Locking codeception/module-asserts (3.0.0)
- Locking codeception/module-filesystem (3.0.1)
- Locking codeception/module-yii2 (1.1.10)
- Locking codeception/stub (4.1.3)
- Locking codeception/verify (3.2.0)
- Locking doctrine/deprecations (1.1.3)
- Locking doctrine/instantiator (1.5.0)
- Locking doctrine/lexer (2.1.1)
- Locking egulias/email-validator (3.2.6)
- Locking ezyang/htmlpurifier (v4.18.0)
- Locking fakerphp/faker (v1.24.1)
- Locking guzzlehttp/psr7 (2.7.0)
- Locking myclabs/deep-copy (1.12.1)
- Locking nikic/php-parser (v5.3.1)
- Locking paragonie/random_compat (v9.99.100)
- Locking phar-io/manifest (2.0.4)
- Locking phar-io/version (3.2.1)
- Locking phpspec/php-diff (v1.1.3)
- Locking phpunit/php-code-coverage (9.2.32)
- 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 (9.6.21)
```

```
C:\WINDOWS\system32\cmd.exe
- Installing symfony/polyfill-intl-grapheme (v1.31.0): Extracting archive
- Installing symfony/string (v6.0.19): Extracting archive
- Installing psr/container (2.0.2): Extracting archive
- Installing symfony/service-contracts (v3.0.2): Extracting archive
- Installing symfony/console (v6.0.19): Extracting archive
- Installing psy/psysh (v0.12.4): Extracting archive
- Installing codeception/stub (4.1.3): Extracting archive
- Installing codeception/lib-asserts (2.1.0): Extracting archive
- Installing codeception/codeception (5.1.2): Extracting archive
- Installing codeception/module-asserts (3.0.0): Extracting archive
- Installing codeception/module-filesystem (3.0.1): Extracting archive
- Installing symfony/dom-crawler (v6.0.19): Extracting archive
- Installing symfony/browser-kit (v6.0.19): Extracting archive
- Installing codeception/lib-innerbrowser (3.1.3): Extracting archive
- Installing codeception/module-yii2 (1.1.10): Extracting archive
- Installing codeception/verify (3.2.0): Extracting archive
- Installing doctrine/deprecations (1.1.3): Extracting archive
- Installing symfony/polyfill-intl-idn (v1.31.0): Extracting archive
- Installing doctrine/lexer (2.1.1): Extracting archive
- Installing egulias/email-validator (3.2.6): Extracting archive
- Installing ezyang/htmlpurifier (v4.18.0): Extracting archive
- Installing paragonie/random_compat (v9.99.100): Extracting archive
- Installing psr/log (3.0.2): Extracting archive
- Installing symfony/deprecation-contracts (v2.0.2): Extracting archive
- Installing symfony/mime (v6.0.19): Extracting archive
- Installing yiisoft/yii2 (2.0.51): Extracting archive
- Installing bower-asset/bootstrap (v5.3.3): Extracting archive
- Installing yiisoft/yii2-bootstrap5 (2.0.4): Extracting archive
- Installing yiisoft/yii2-debug (2.1.25): Extracting archive
- Installing fakerphp/faker (v1.24.1): Extracting archive
- Installing yiisoft/yii2-faker (2.0.5): Extracting archive
- Installing phpspec/php-diff (v1.1.3): Extracting archive
- Installing yiisoft/yii2-gii (2.2.6): Extracting archive
32 package suggestions were added by new dependencies, use 'composer suggest' to see details.
Generating autoload files:yii2-symfonymailer (2.0.4): Extracting archive
56 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
C:\Users\hpa\
```

### 3. Menambahkan “yiisoft/yii2-gii”:”~2.1,0” pada composer.json

```
*composer - Notepad
File Edit Format View Help

"source": "https://github.com/yiisoft/yii2"
},
"minimum-stability": "stable",
"require": {
    "php": ">=7.4.0",
    "yiisoft/yii2": "~2.0.45",
    "yiisoft/yii2-bootstrap5": "~2.0.2",
    "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": "^5.0.0 || ^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": "^3.0 || ^2.2",
    "symfony/browser-kit": "^6.0 || >=2.7 <=4.2.4",
    "yiisoft/yii2-gii": "~2.1.0"
},
"config": {
    "allow-plugins": {
        "yiisoft/yii2-composer": true
    },
    "process-timeout": 1800,
    "fxp-asset": {
        "enabled": false
    }
},
"scripts": {
    "post-install-cmd": [
        "yii\\composer\\Installer::postInstall"
    ],
    "post-create-project-cmd": [
```

4. Mengupdate composer dengan cara mengetikkan **cd basic** kemudian mengetikkan **composer update** pada command prompt

```
C:\WINDOWS\system32\cmd.exe
- Installing codeception/module-yii2 (1.1.10): Extracting archive
- Installing codeception/verify (3.2.0): Extracting archive
- Installing doctrine/deprecations (1.1.3): Extracting archive
- Installing symfony/polyfill-intl-idn (v1.31.0): Extracting archive
- Installing doctrine/lexer (2.1.1): Extracting archive
- Installing egulias/email-validator (3.2.6): Extracting archive
- Installing ezyang/htmlpurifier (v4.18.0): Extracting archive
- Installing paragonie/random_compat (v9.99.100): Extracting archive
- Installing psr/log (3.0.2): Extracting archive
- Installing symfony/deprecation-contracts (v3.0.2): Extracting archive
- Installing symfony/mime (v6.0.19): Extracting archive
- Installing yiisoft/yii2 (2.0.51): Extracting archive
- Installing power-asset/bootstrap (0.5.3.3): Extracting archive
- Installing yiisoft/yii2-bootstrap (2.0.4): Extracting archive
- Installing yiisoft/yii2-debug (2.1.25): Extracting archive
- Installing fakerphp/faker (v1.24.1): Extracting archive
- Installing yiisoft/yii2-faker (2.0.5): Extracting archive
- Installing phpspec/php-diff (v1.1.3): Extracting archive
- Installing yiisoft/yii2-gii (2.2.6): Extracting archive
32 package suggestions were added by new dependencies, use 'composer suggest' to see details.
Generating autoload filesyi2-symfonymailer (2.0.4): Extracting archive
56 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

C:\Users\hp>cd basic

C:\Users\hp\basic>
```


```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.19045.5131]
(c) Microsoft Corporation. All rights reserved.

C:\Users\hp>cd basic

C:\Users\hp\basic>composer update
Loading composer repositories with package information
https://asset-packagist.org could not be fully loaded (curl error 6 while downloading https://asset-packagist.org/packages.json: Could not resolve host: asset-packagist.org), 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 6 while downloading https://repo.packagist.org/packages.json: Could not resolve host: repo.packagist.org), 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)
Package operations: 0 installs, 1 update, 0 removals
  - Downloading yiisoft/yii2-gii (2.1.4)
  - Downgrading yiisoft/yii2-gii (2.2.6 => 2.1.4): Extracting archive
Generating autoload files
55 packages you are using are looking for funding.
Use the 'composer fund' command to find out more!
Found 2 security vulnerability advisories affecting 1 package.
Run "composer audit" for a full list of advisories.

C:\Users\hp\basic>
```

5. Mengubah database dengan host,ip, dan nama database yang sama dengan yang dibuat oleh master, kemudian mengisi username dan passwordnya



The screenshot shows a Notepad window titled 'db.php - Notepad'. The code is as follows:

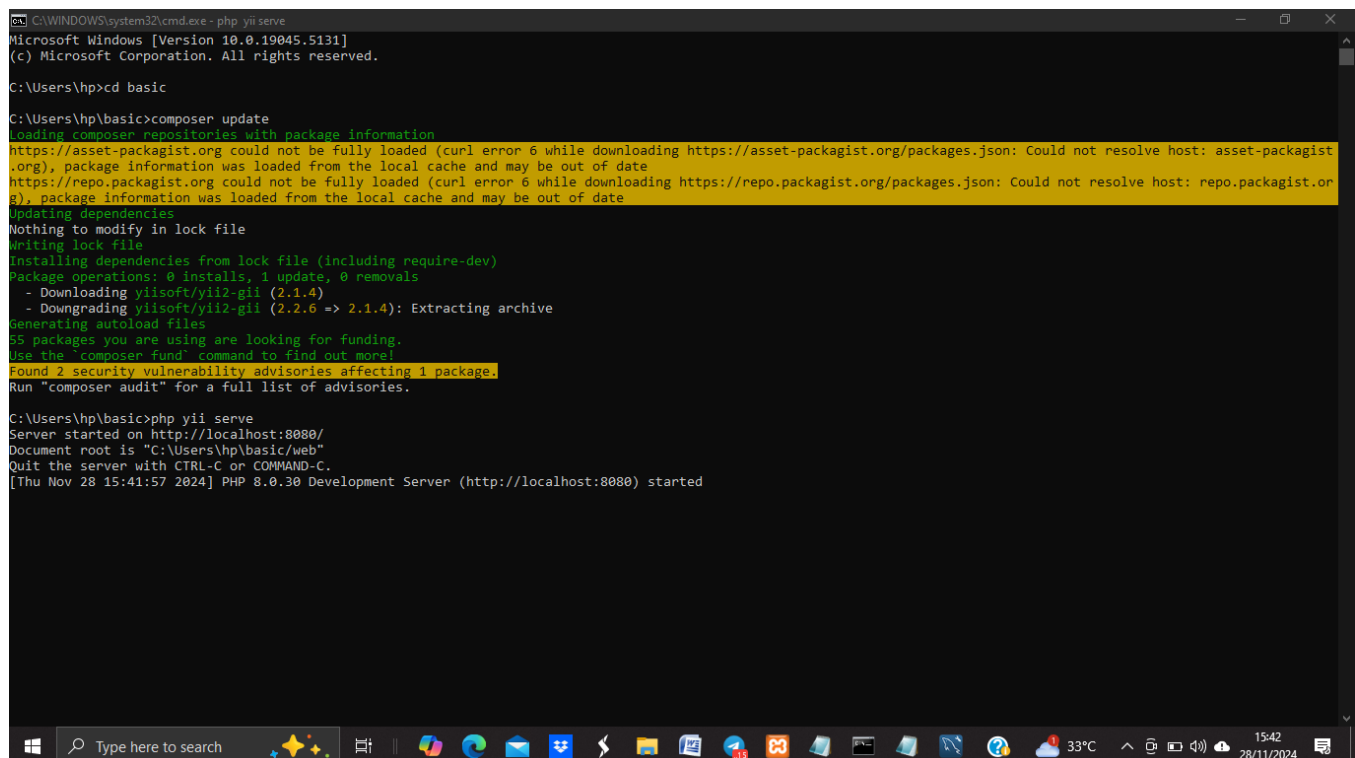
```
<?php

return [
    'class' => 'yii\db\Connection',
    'dsn' => 'mysql:host=10.80.0.124:3306;dbname=db_Agentelur',
    'username' => 'nazwa',
    'password' => 'camila',
    'charset' => 'utf8',

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

The status bar at the bottom indicates 'Ln 5, Col 42', '110%', 'Unix (LF)', and 'UTF-8'. The Windows taskbar is visible at the bottom with the date '28/11/2024' and time '15:41'.

6. Mengetikkan yii serve di command prompt



The screenshot shows a Windows Command Prompt window with the following text:

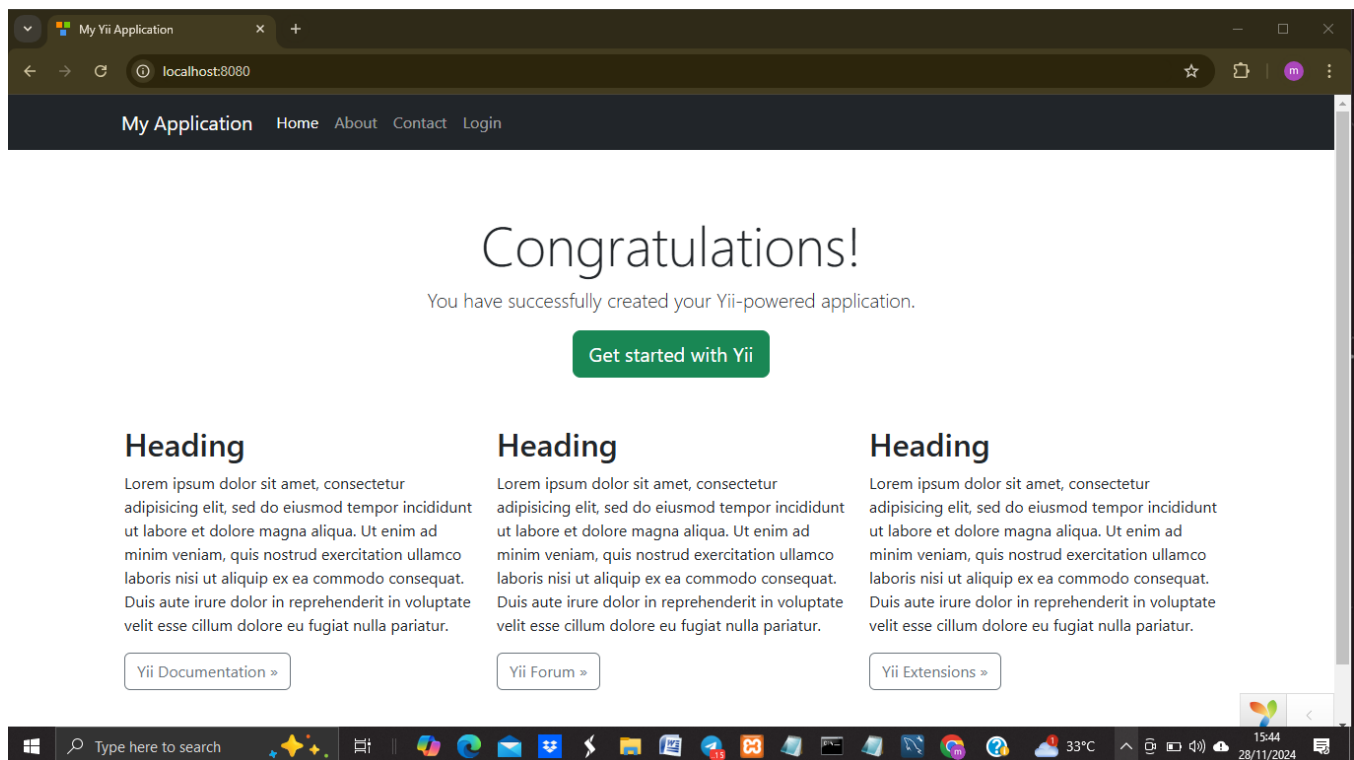
```
C:\WINDOWS\system32\cmd.exe - php yii serve
Microsoft Windows [Version 10.0.19045.5131]
(c) Microsoft Corporation. All rights reserved.

C:\Users\hp>cd basic
C:\Users\hp\basic>composer update
Loading composer repositories with package information
https://asset-packagist.org could not be fully loaded (curl error 6 while downloading https://asset-packagist.org/packages.json: Could not resolve host: asset-packagist.org), 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 6 while downloading https://repo.packagist.org/packages.json: Could not resolve host: repo.packagist.org), 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)
Package operations: 0 installs, 1 update, 0 removals
  - Downloading yiisoft/yii2-gii (2.1.4)
  - Downgrading yiisoft/yii2-gii (2.2.6 => 2.1.4): Extracting archive
Generating autoload files
55 packages you are using are looking for funding.
Use the "composer fund" command to find out more!
Found 2 security vulnerability advisories affecting 1 package.
Run "composer audit" for a full list of advisories.

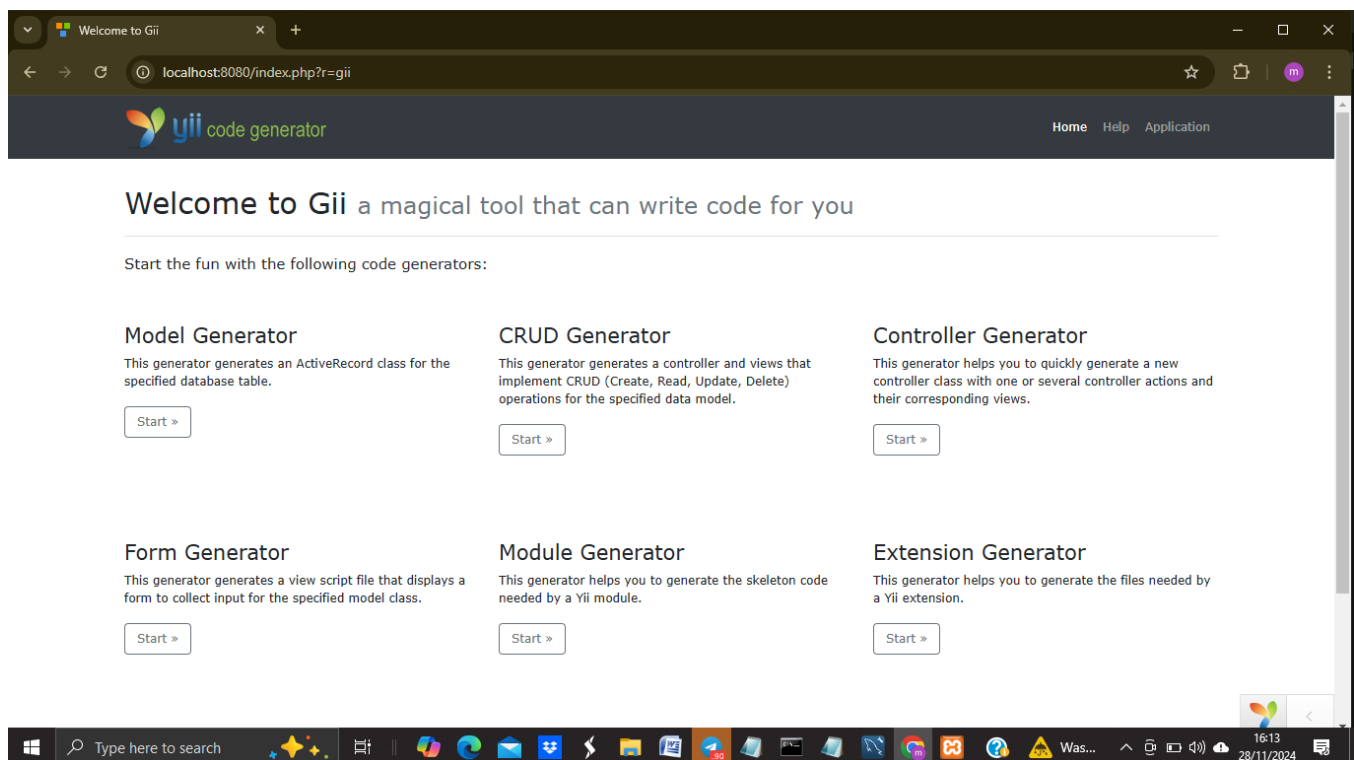
C:\Users\hp\basic>php yii serve
Server started on http://localhost:8080/
Document root is "C:\Users\hp\basic\web"
Quit the server with CTRL-C or COMMAND-C.
[Thu Nov 28 15:41:57 2024] PHP 8.0.30 Development Server (http://localhost:8080) started
```

The Windows taskbar at the bottom shows the date '28/11/2024' and time '15:42'.

7. Menyalin alamat host yang telah diberikan kemudian membukanya melalui chrome



8. Menambahkan `/index.php?r=gii` pada alamat yang telah disalin menggunakan chrome



## 9. Pilih start pada *model generator*

