

LAPORAN TUGAS
BASIS DATA AGEN TELUR BERKAH
BASIS DATA



Oleh :

Kelas 1C

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JURUSAN TEKNIK

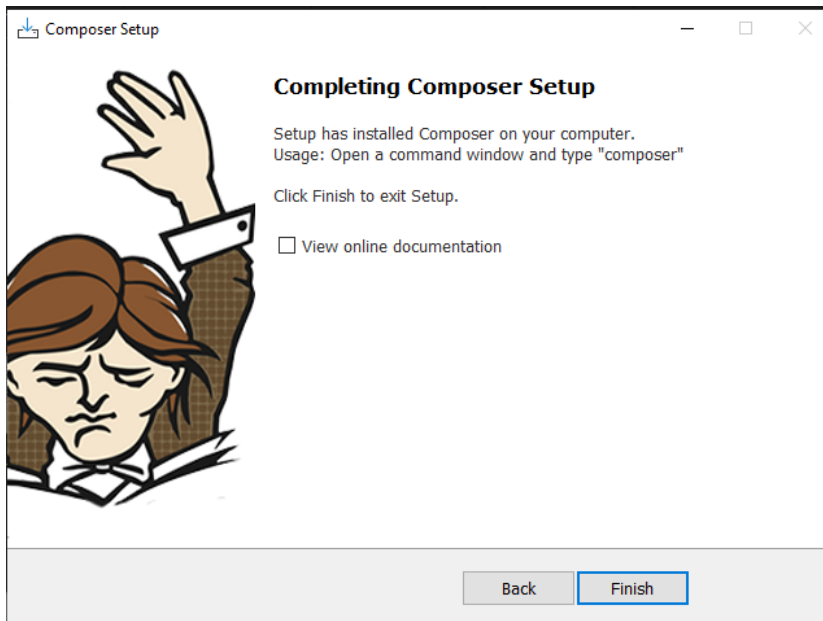
PROGRAM STUDI TEKNOLOGI INFORMASI

POLITEKNIK NEGERI MADIUN

2024

USER 1 :

1. Download composer



2. Masuk ke terminal command prompt dan membuat projek pada composer dengan mengetikkan *composer create-project-prefer-dist yii soft/yii2-app-basic basic*

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

C:\Users\hnp>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\hnp\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 (5.0.0)
- 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 (v3.0.2): 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\hvp>
```

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

```
"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 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 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



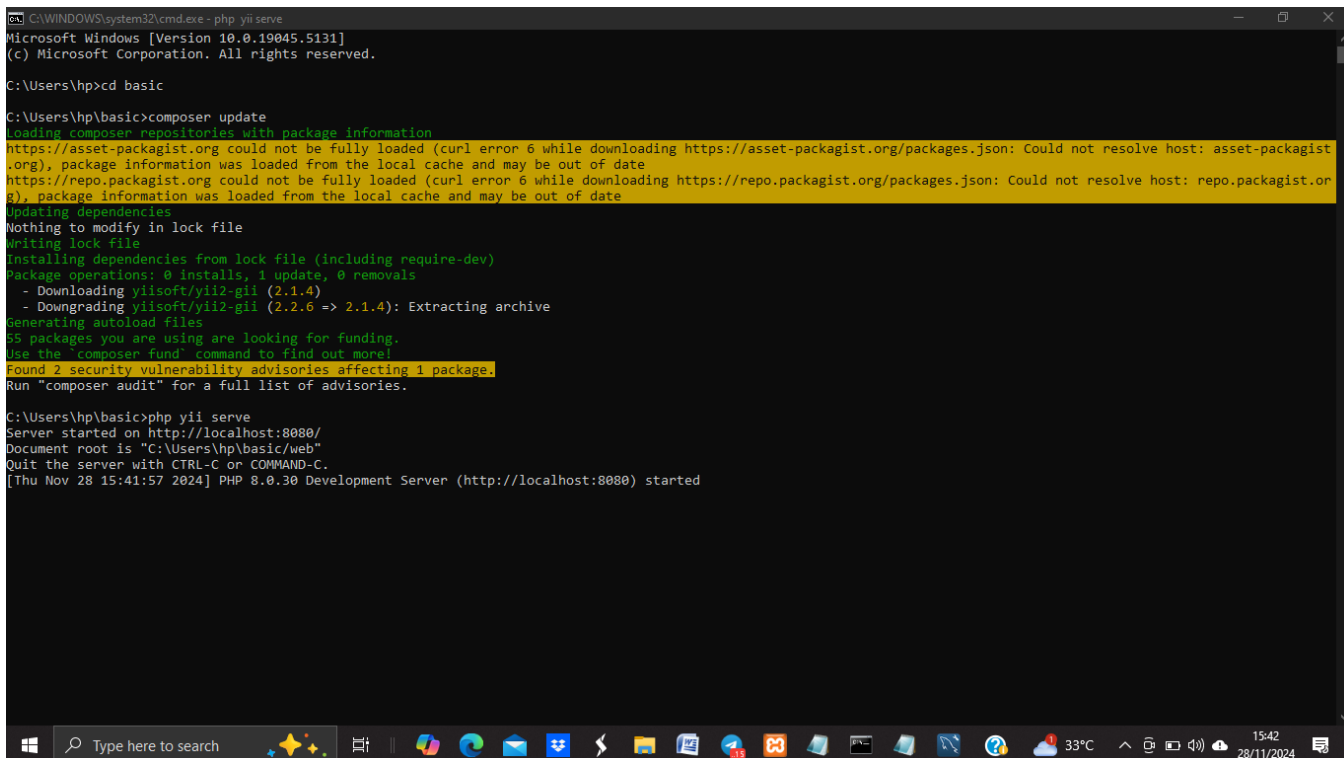
The screenshot shows a Notepad window titled 'db.php - Notepad'. The code is a PHP script for a database connection. It starts with a PHP opening tag, followed by a 'return' statement that returns an array of database configuration options. The array includes 'class' (yii\db\Connection), 'dsn' (mysql:host=10.80.0.124:3306;dbname=db_Agentelur), 'username' (nazwa), 'password' (camila), and 'charset' (utf8). There are also comments for schema cache options: 'enableSchemaCache' (true), 'schemaCacheDuration' (60), and 'schemaCache' (cache). The code ends with a closing bracket and a semicolon.

```
db.php - Notepad
File Edit Format View Help
<?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',
];
```

6. Mengetikkan yii serve di command prompt



The screenshot shows a Windows Command Prompt window. The user has navigated to the 'basic' directory and run 'composer update'. The output shows that the composer repositories were loaded, dependencies were updated, and the lock file was written. It also shows that the 'yii2-gii' package was installed and updated. The user then runs 'php yii serve', and the output shows that the server started on http://localhost:8080/.

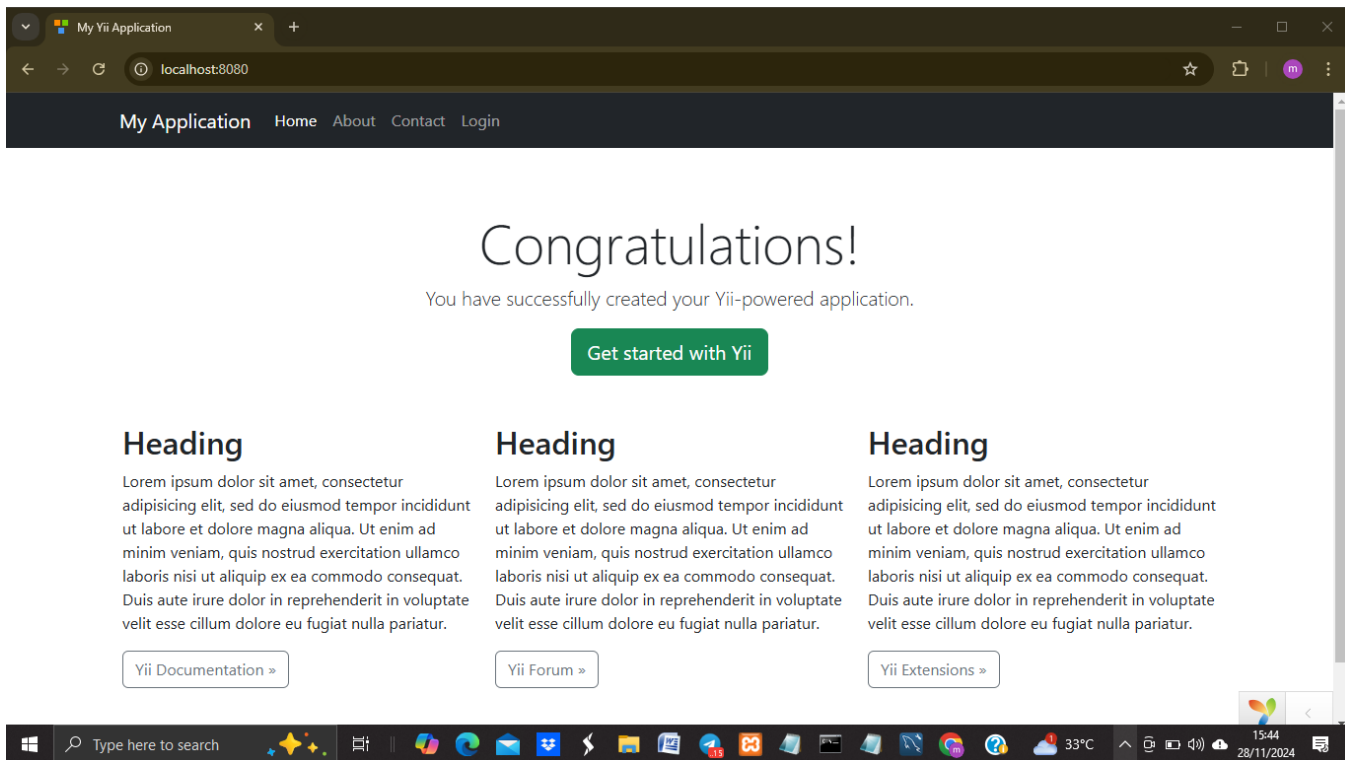
```
C:\WINDOWS\system32\cmd.exe - php yii serve
Microsoft Windows [Version 10.0.19045.5131]
(c) Microsoft Corporation. All rights reserved.

C:\Users\hp>cd basic

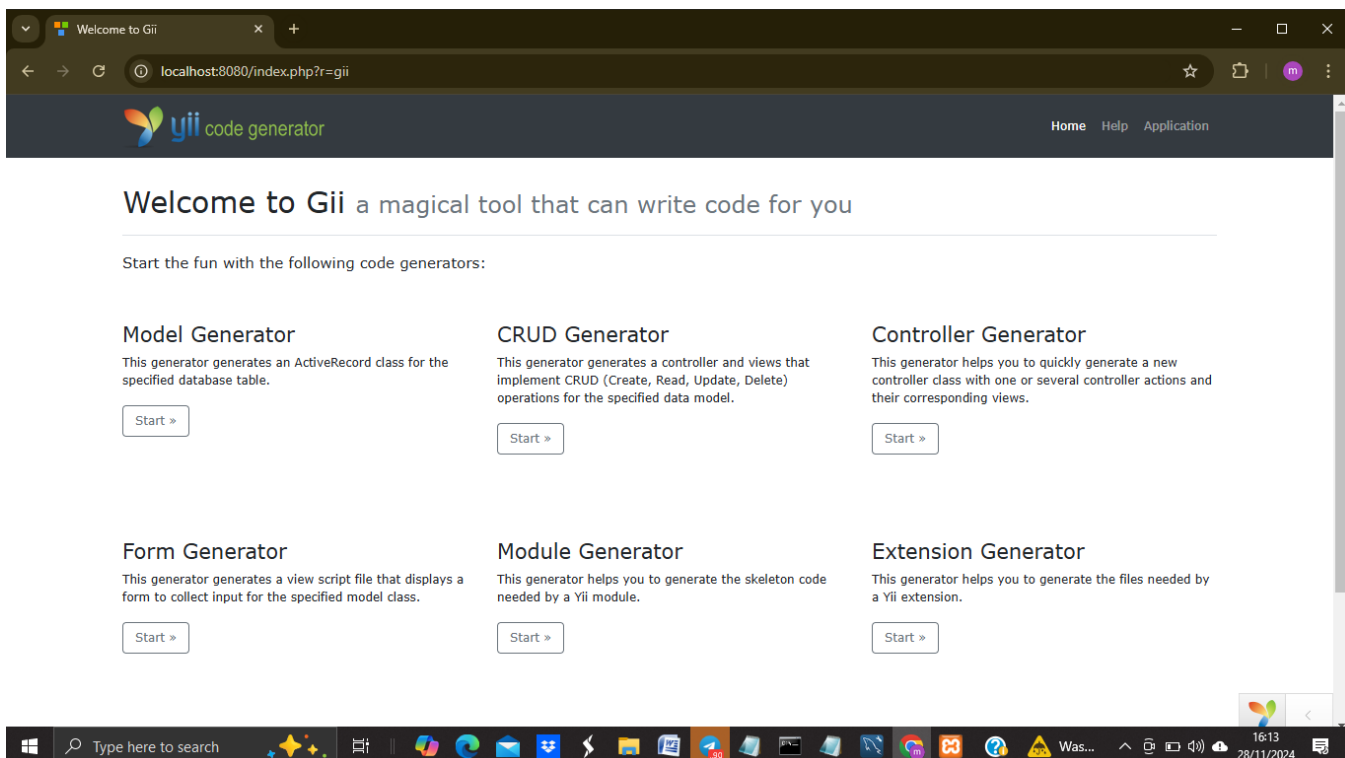
C:\Users\hp\basic>composer update
Loading composer repositories with package information
https://asset-packagist.org could not be fully loaded (curl error 6 while downloading https://asset-packagist.org/packages.json: Could not resolve host: asset-packagist.org), package information was loaded from the 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
35 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
```

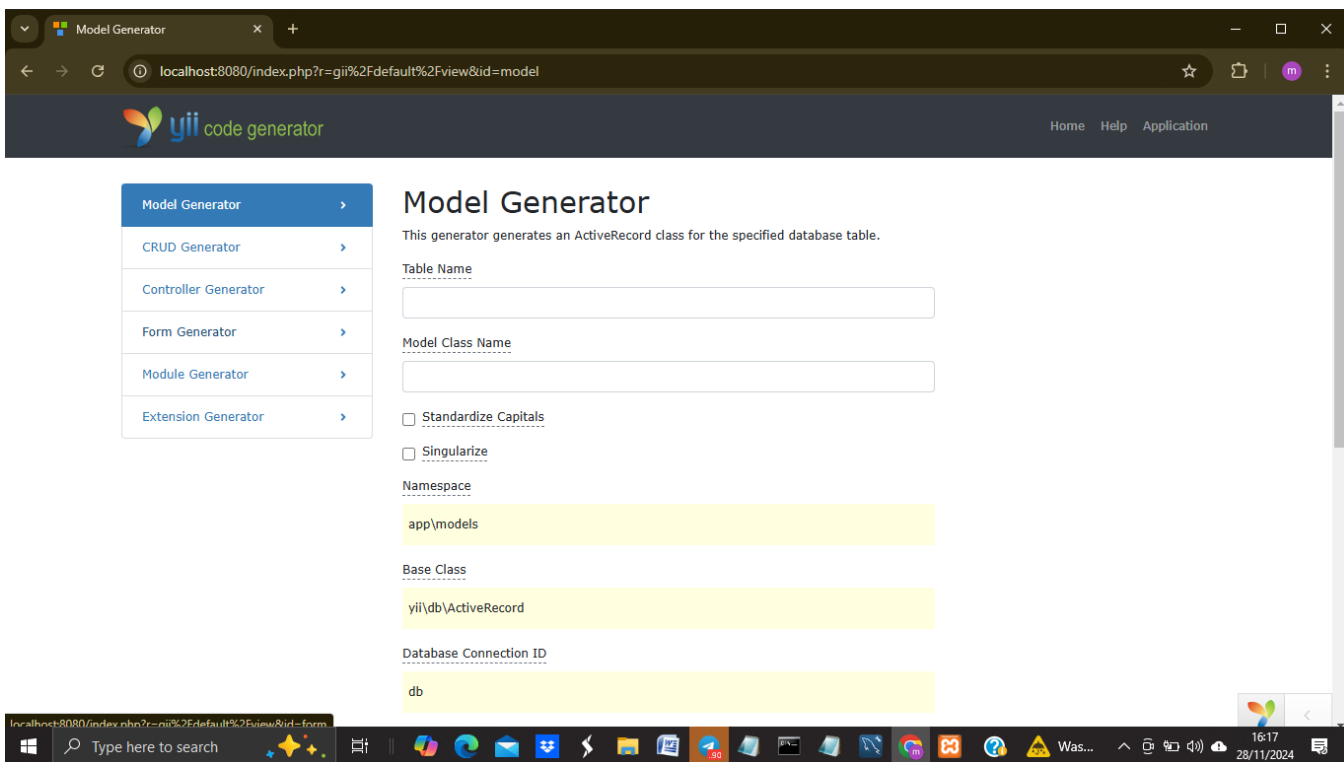
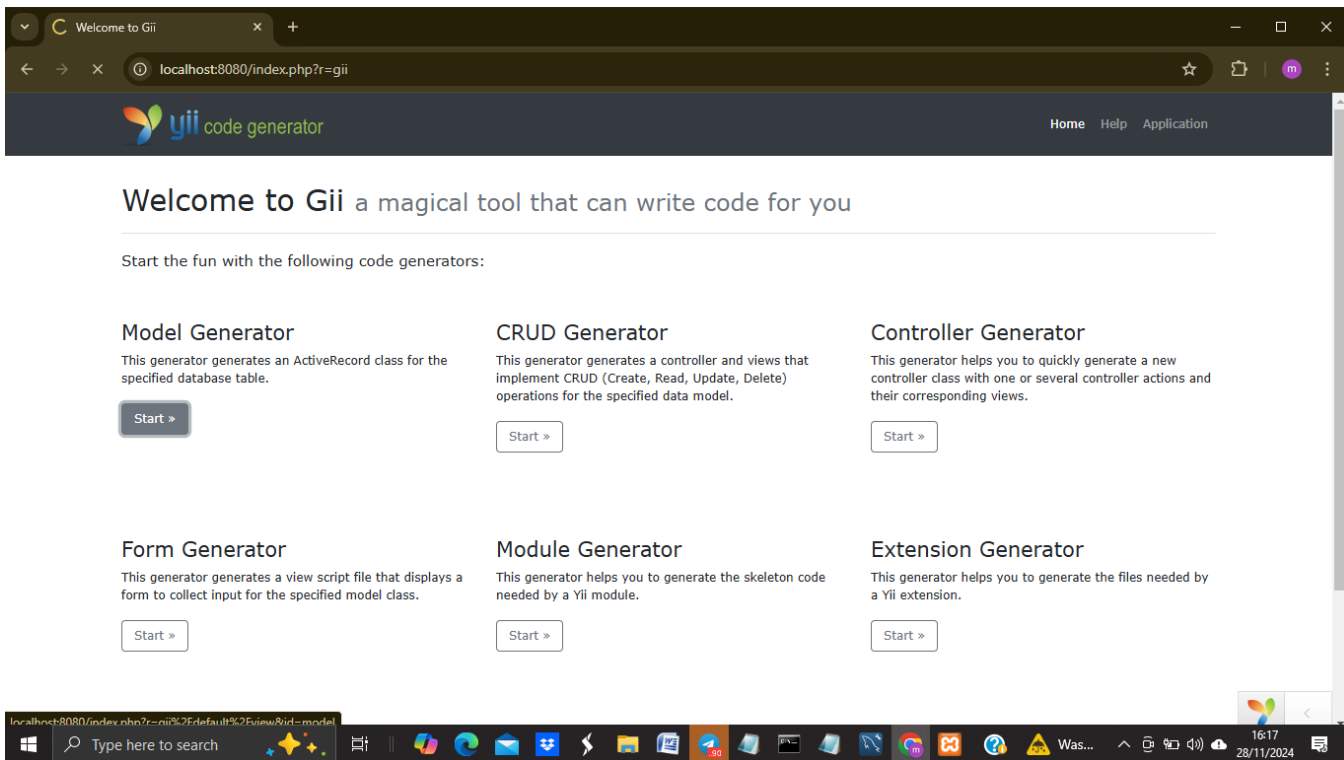
7. Menyalin alamat host yang telah diberikan kemudian membukanya melalui chrome

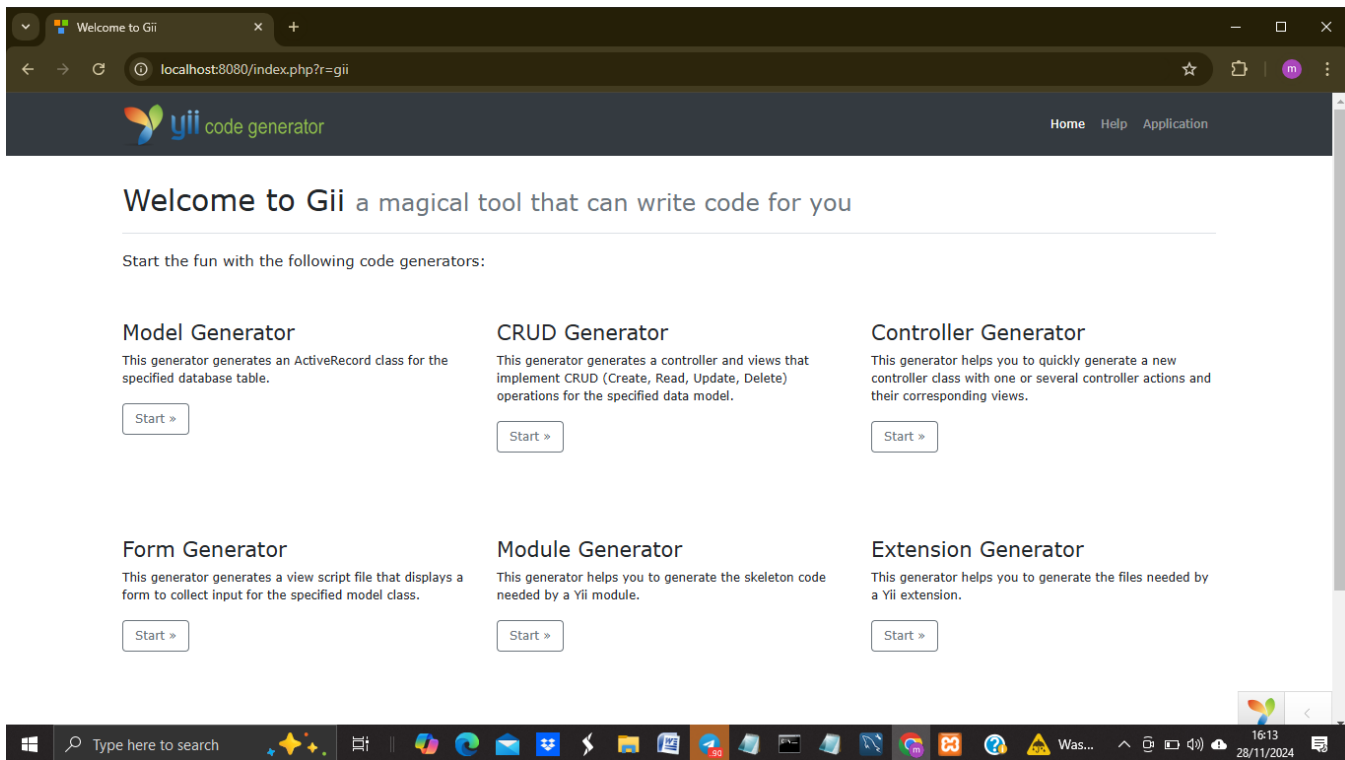


8. Menambahkan `/index.php?r=gii` pada alamat yang telah disalin menggunakan chrome

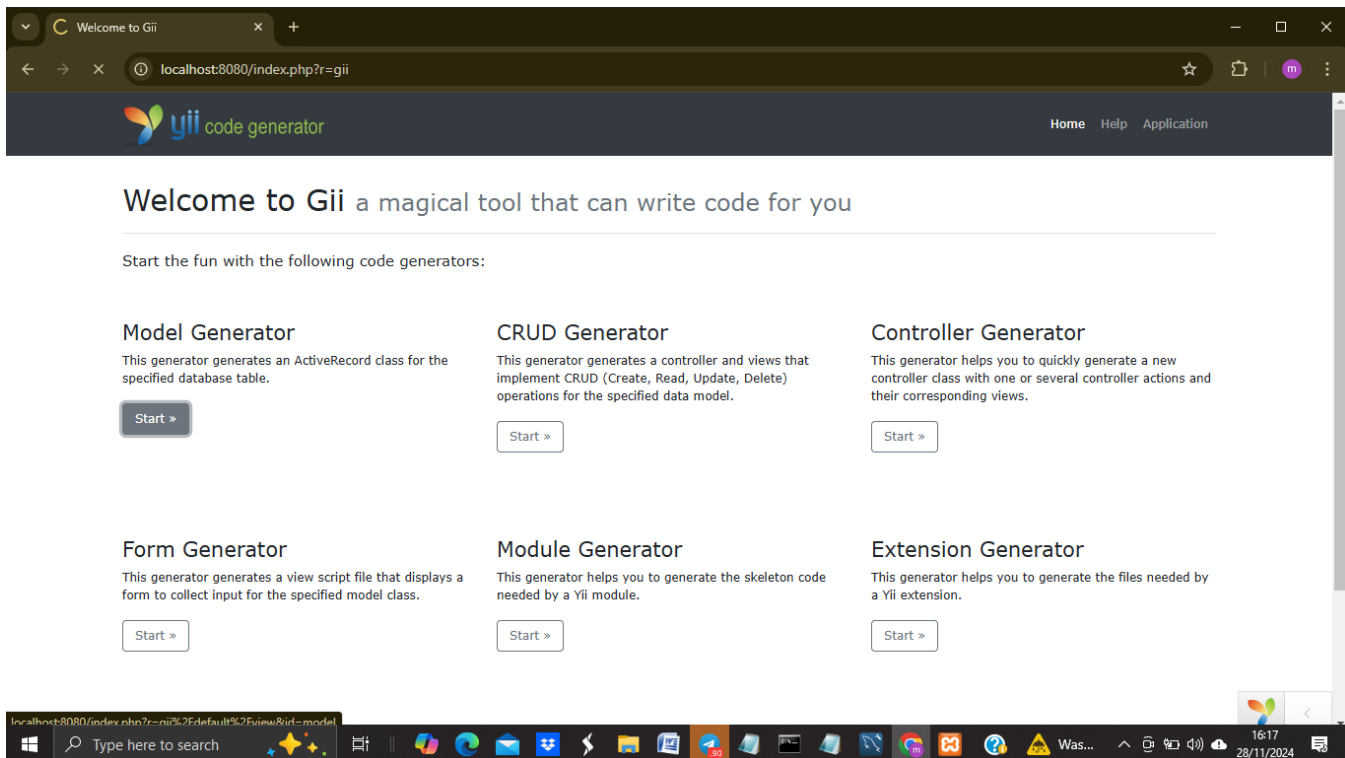


9. Pilih start pada *model generator*





1. Melakukan start pada model generator



2. Mengisi Model Generator menggunakan tabel yang telah tersedia di database kemudian dilanjutkan dengan mengisi CRUD Generator dan mengecek apakah sudah dapat melihat tabel yang dibuat oleh master dengan cara membuka <http://localhost:8080/index.php?r=namatabel> pada chrome

- Tabel Pelanggan

Model generator:

Model Generator

This generator generates an ActiveRecord class for the specified database table.

Table Name
pelanggan

Model Class Name
Pelanggan

☐ Standardize Capitals

☐ Singularize

Namespace
app\models

Base Class
yii\db\ActiveRecord

Database Connection ID
db

All relations

☒ Generate Relations from Current Schema

☐ Generate Labels from DB Comments

☐ Generate ActiveQuery

☐ Enable I18N

☒ Use Schema Name

Code Template
default (C:\Users\hjp\basic\vendor\yiisoft\yii2-gii\src\generators\model\default)

Preview Generate

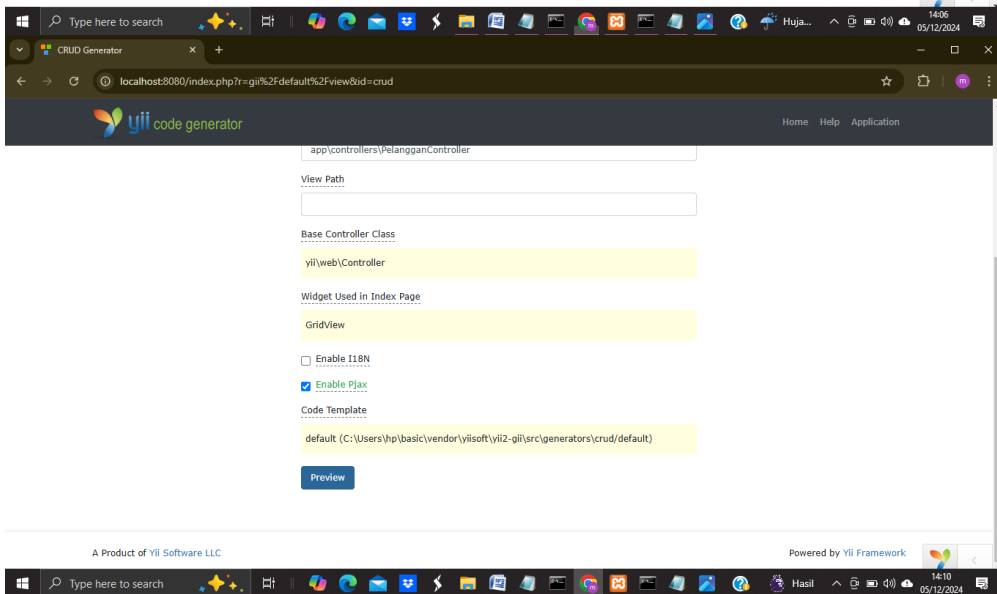
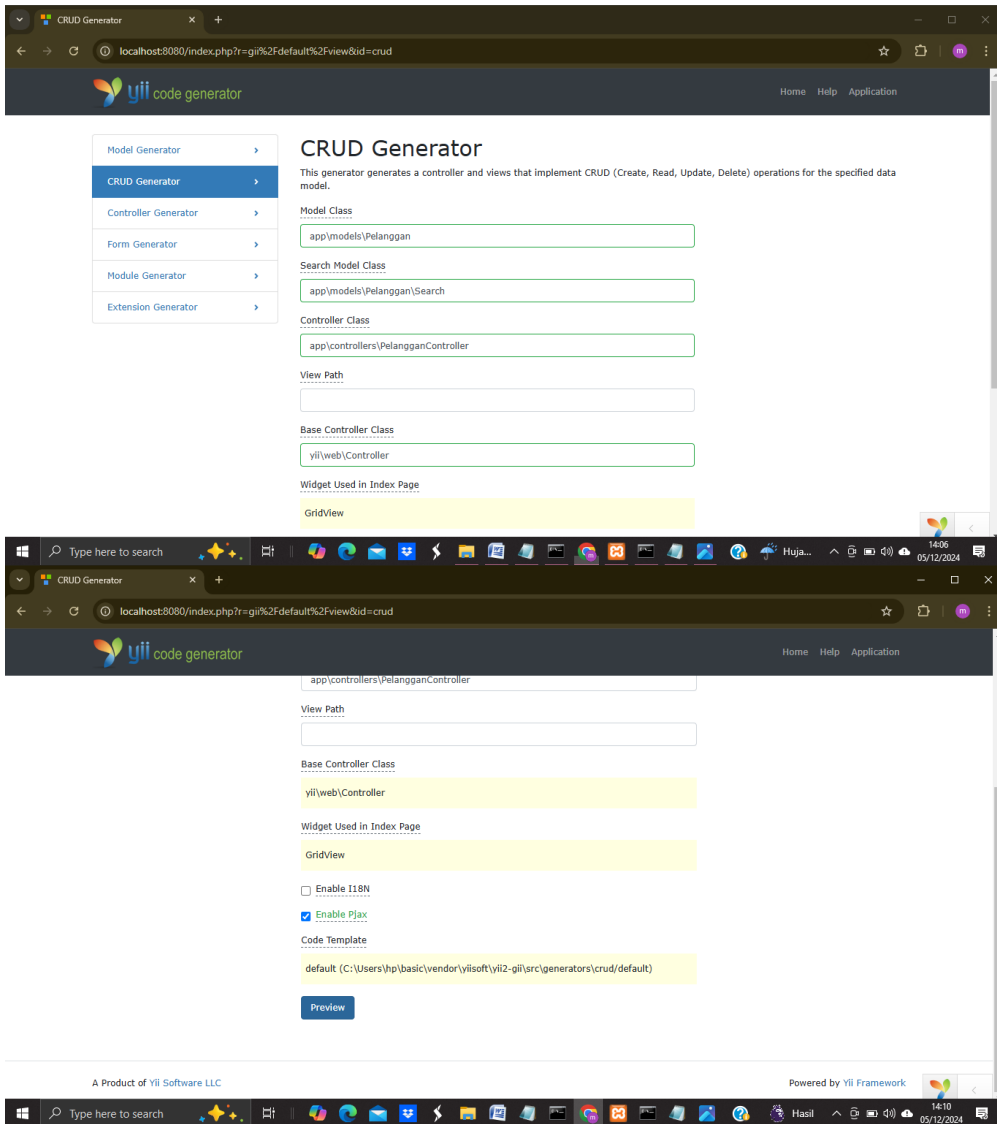
Click on the above Generate button to generate the files selected below:

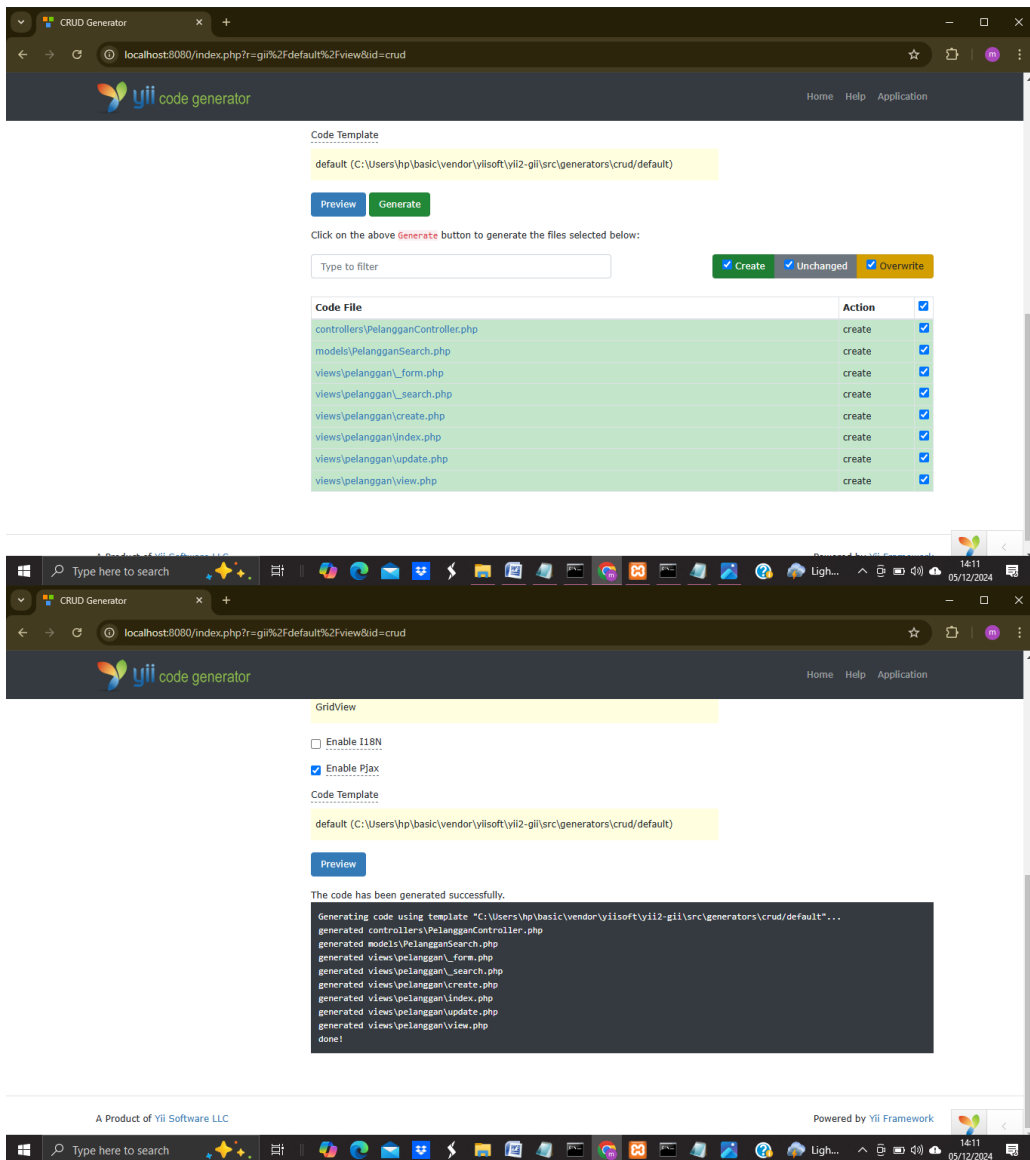
Type to filter

Create Unchanged Overwrite

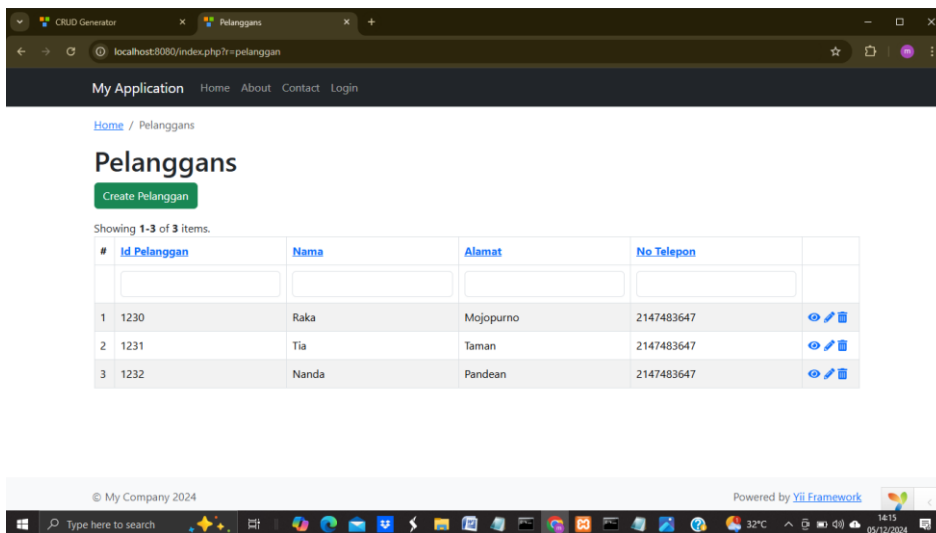
Code File	Action
models\Pelanggan.php	create

CRUD Generator :



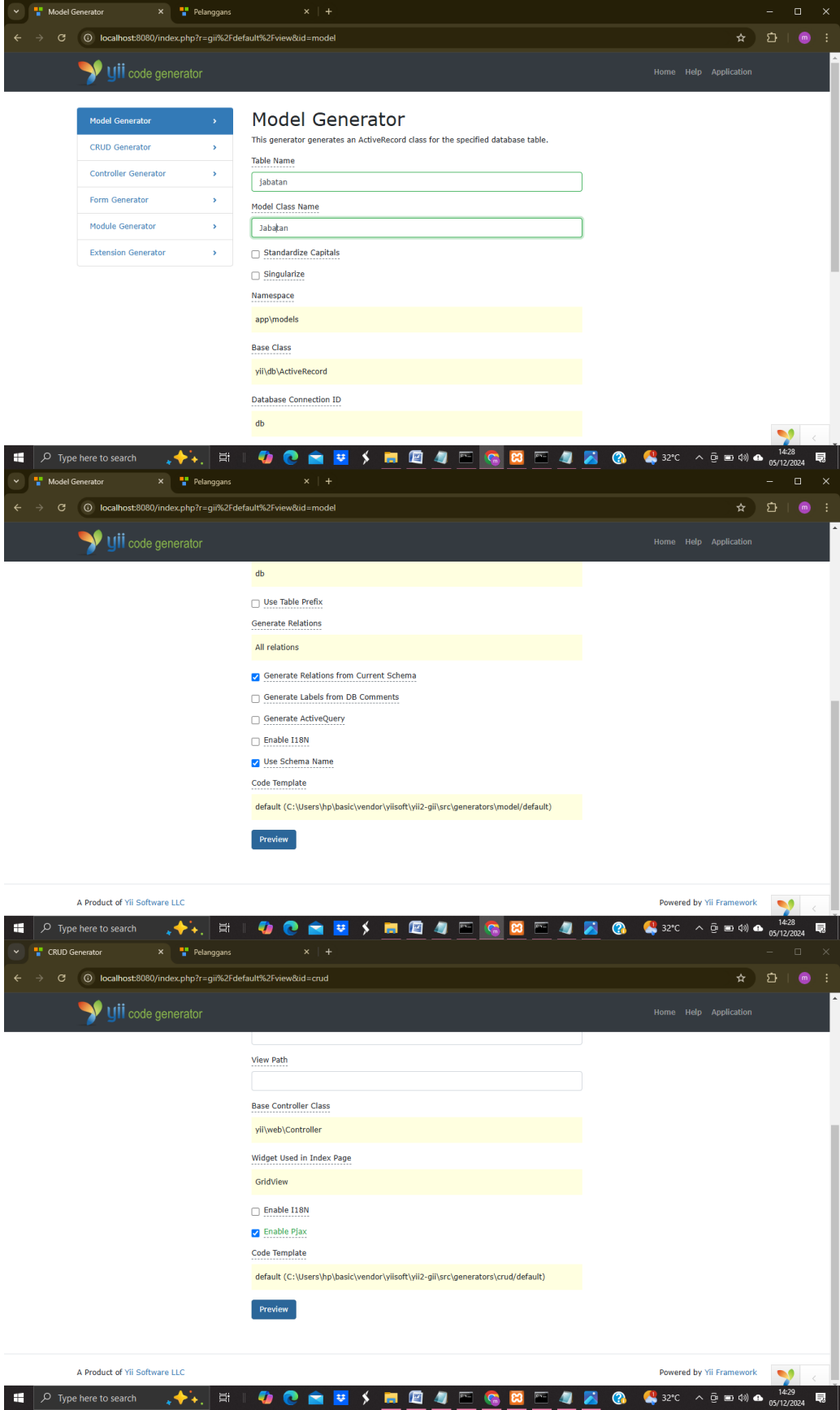


Membuka <http://localhost:8080/index.php?r=pelanggan> pada chrome:



- Tabel Jabatan

Model generator:



CRUD Generator :

Model Generator

CRUD Generator

Controller Generator

Form Generator

Module Generator

Extension Generator

CRUD Generator

This generator generates a controller and views that implement CRUD (Create, Read, Update, Delete) operations for the specified data model.

Model Class

app\models\jabatan

Search Model Class

app\models\jabatanSearch

Controller Class

app\controllers\jabatanController

View Path

Base Controller Class

yii\web\Controller

Widget Used in Index Page

GridView

app\controllers\jabatanController

View Path

Base Controller Class

yii\web\Controller

Widget Used in Index Page

GridView

☐ Enable 118N

☒ Enable Pjax

Code Template

default (C:\Users\hp\basic\vendor\yiisoft\yii2-gii\src\generators\crud/default)

Preview

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Powered by Yii Framework

☒ Enable Pjax

Code Template

default (C:\Users\hp\basic\vendor\yiisoft\yii2-gii\src\generators\crud/default)

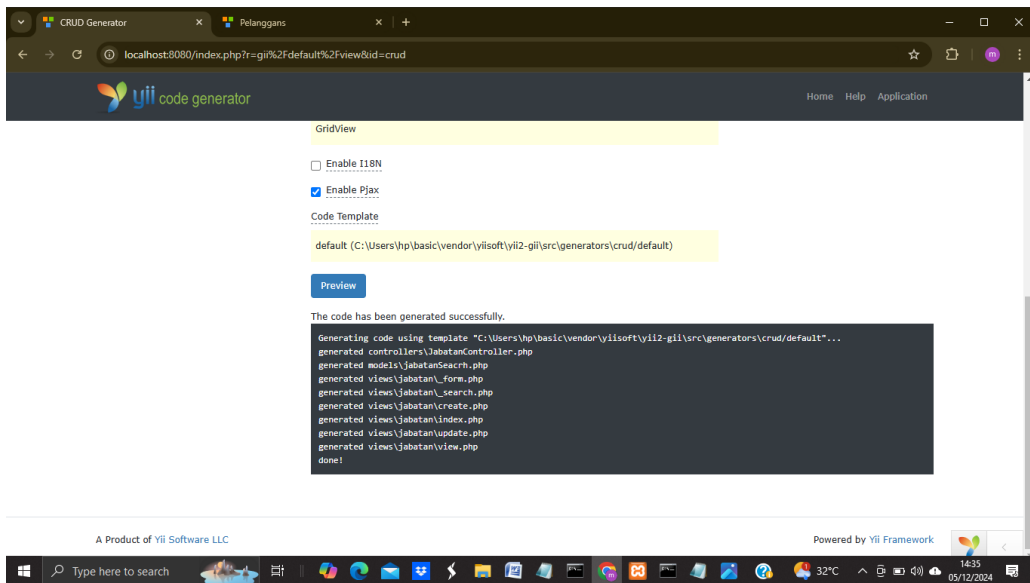
PreviewGenerate

Click on the above **Generate** button to generate the files selected below:

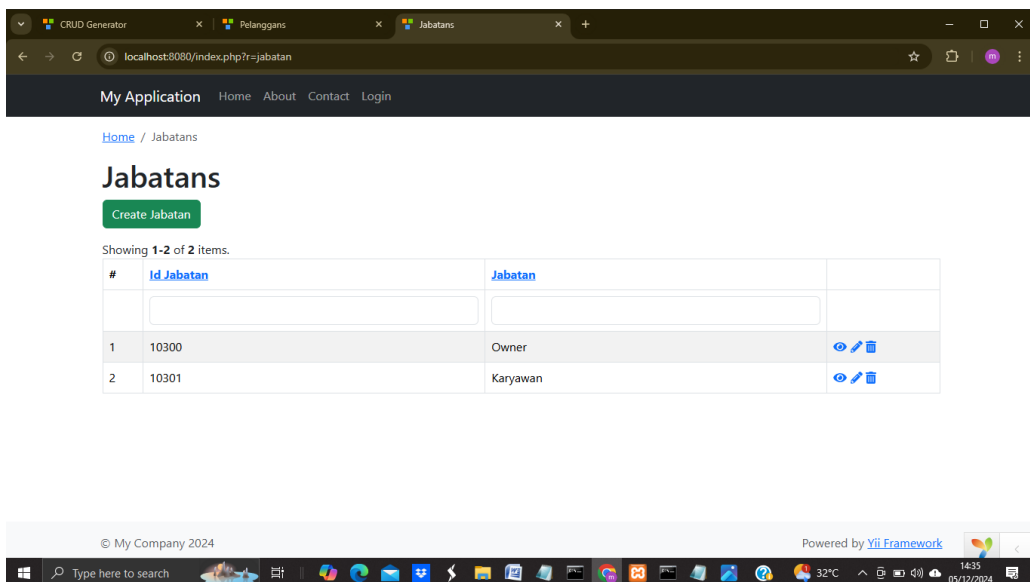
Type to filter

CreateUnchangedOverwrite

Code File	Action	
controllers\jabatanController.php	create	<input checked="" type="checkbox"/>
models\jabatanSearch.php	create	<input checked="" type="checkbox"/>
views\jabatan_form.php	create	<input checked="" type="checkbox"/>
views\jabatan_search.php	create	<input checked="" type="checkbox"/>
views\jabatan/create.php	create	<input checked="" type="checkbox"/>
views\jabatan/index.php	create	<input checked="" type="checkbox"/>
views\jabatan/update.php	create	<input checked="" type="checkbox"/>
views\jabatan/view.php	create	<input checked="" type="checkbox"/>

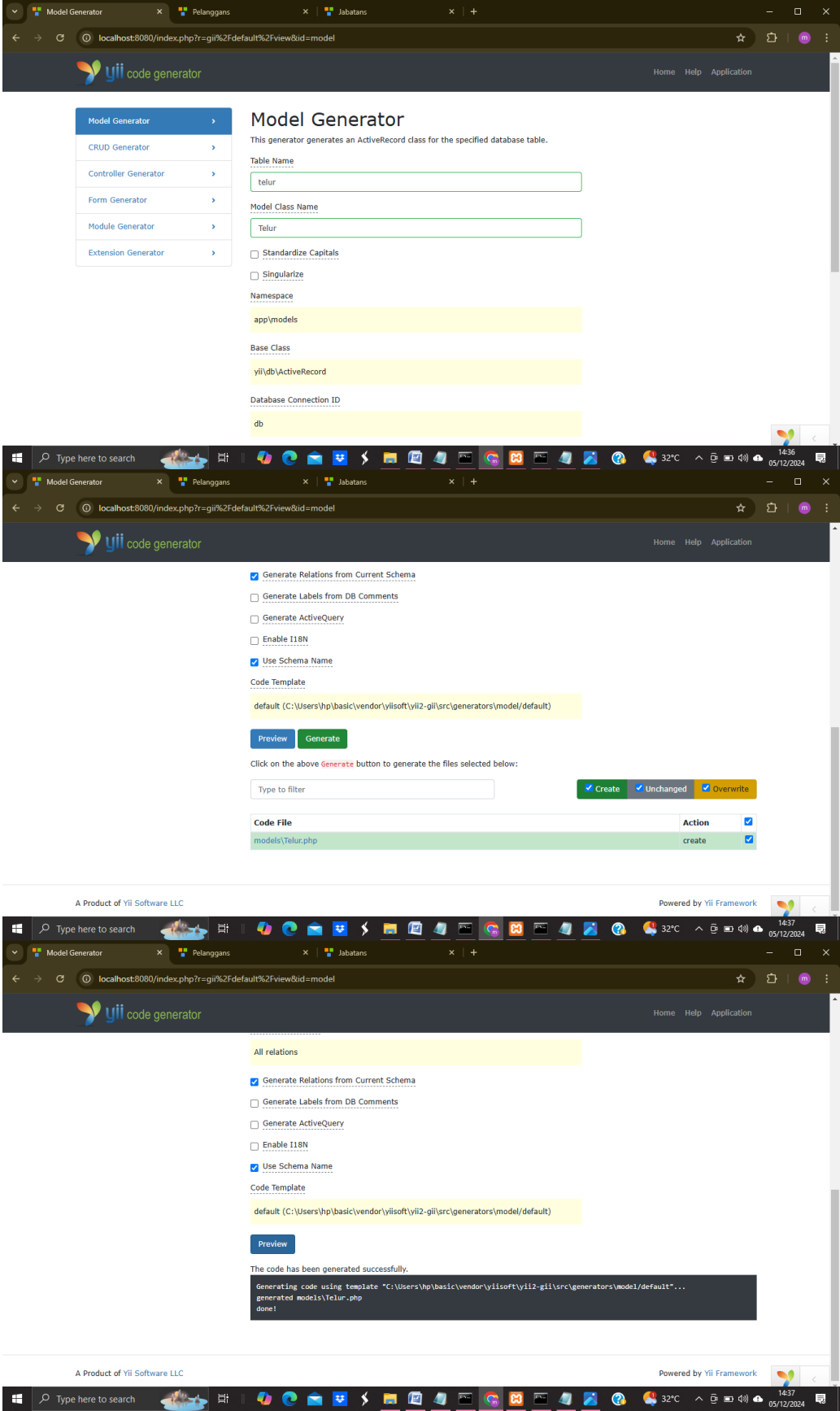


Membuka <http://localhost:8080/index.php?r=jabatan> pada chrome:



- Tabel Telur

Model generator :



CRUD Generator :

Model Generator

CRUD Generator

Controller Generator

Form Generator

Module Generator

Extension Generator

CRUD Generator

This generator generates a controller and views that implement CRUD (Create, Read, Update, Delete) operations for the specified data model.

Model Class

app\models\telur

Search Model Class

app\models\telurSearch

Controller Class

app\controllers\telurController

View Path

Base Controller Class

yii\web\Controller

Widget Used in Index Page

GridView

app\controllers\telurController

View Path

Base Controller Class

yii\web\Controller

Widget Used in Index Page

GridView

☐ Enable 118N

☒ Enable Pjax

Code Template

default (C:\Users\hp\basic\vendor\yiisoft\yii2-gii\src\generators\crud\default)

Preview

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Powered by Yii Framework

default (C:\Users\hp\basic\vendor\yiisoft\yii2-gii\src\generators\crud\default)

PreviewGenerate

Click on the above **Generate** button to generate the files selected below:

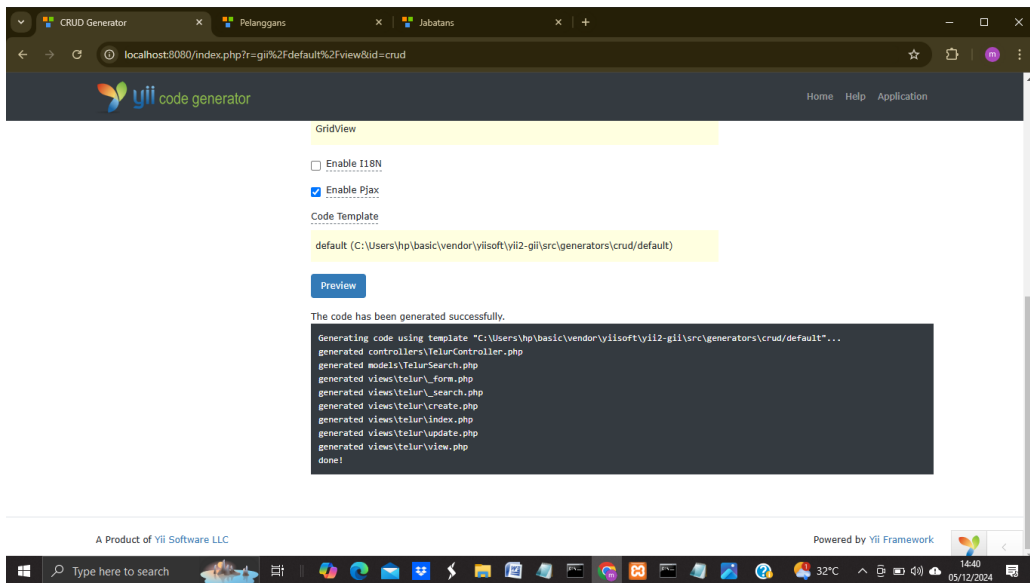
Type to filter

CreateUnchangedOverwrite

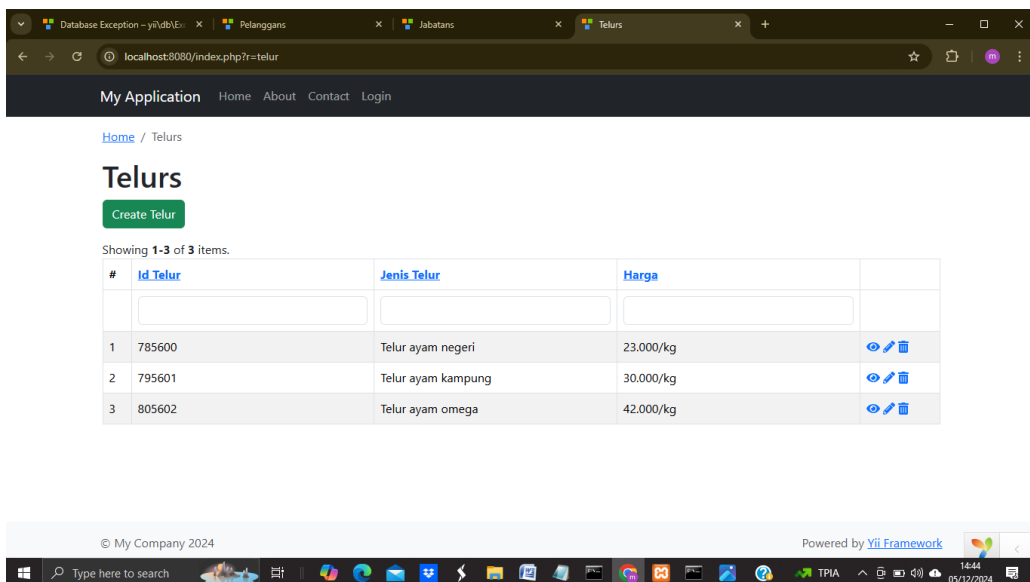
Code File	Action	
controllers\telurController.php	create	<input checked="" type="checkbox"/>
models\telurSearch.php	create	<input checked="" type="checkbox"/>
views\telur_form.php	create	<input checked="" type="checkbox"/>
views\telur_search.php	create	<input checked="" type="checkbox"/>
views\telur_create.php	create	<input checked="" type="checkbox"/>
views\telur_index.php	create	<input checked="" type="checkbox"/>
views\telur_update.php	create	<input checked="" type="checkbox"/>
views\telur_view.php	create	<input checked="" type="checkbox"/>

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Powered by Yii Framework

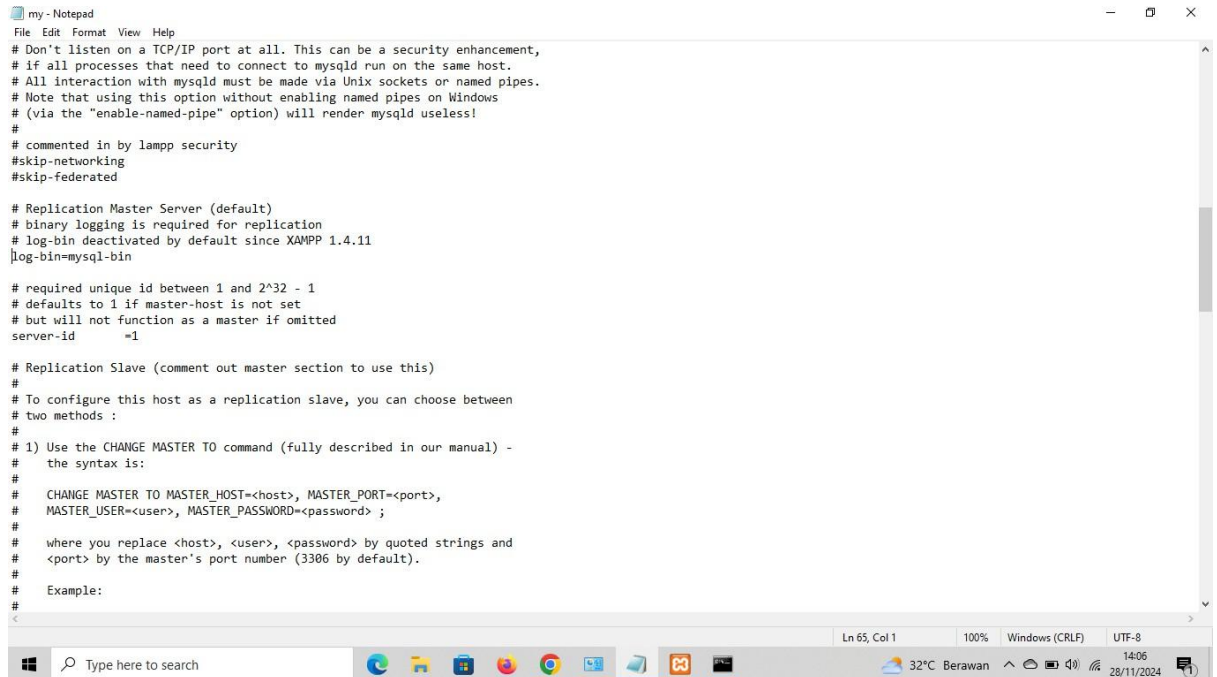


Membuka <http://localhost:8080/index.php?r=telur> pada chrome:



USER 2

1. Hapus # pada log-bin=mysql-bin :



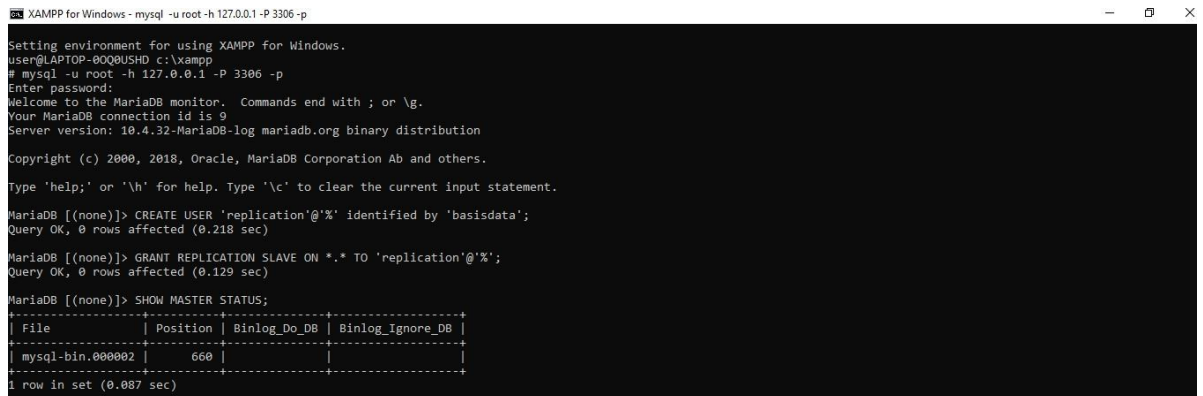
```
my - Notepad
File Edit Format View Help
# Don't listen on a TCP/IP port at all. This can be a security enhancement,
# if all processes that need to connect to mysqld run on the same host.
# All interaction with mysqld must be made via Unix sockets or named pipes.
# Note that using this option without enabling named pipes on Windows
# (via the "enable-named-pipe" option) will render mysqld useless!
#
# commented in by lampp security
#skip-networking
#skip-federated

# Replication Master Server (default)
# binary logging is required for replication
# log-bin deactivating by default since XAMPP 1.4.11
log-bin=mysql-bin

# required unique id between 1 and 2^32 - 1
# defaults to 1 if master-host is not set
# but will not function as a master if omitted
server-id      =1


# Replication Slave (comment out master section to use this)
#
# To configure this host as a replication slave, you can choose between
# two methods :
#
# 1) Use the CHANGE MASTER TO command (fully described in our manual) -
# the syntax is:
#
# CHANGE MASTER TO MASTER_HOST=<host>, MASTER_PORT=<port>,
# MASTER_USER=<user>, MASTER_PASSWORD=<password>;
#
# where you replace <host>, <user>, <password> by quoted strings and
# <port> by the master's port number (3306 by default).
#
# Example:
```

2. Membuat user, grant, dan show master status :



```
XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3306 -p
Setting environment for using XAMPP for Windows.
user@LAPTOP-00Q0U5HD c:\xampp
# mysql -u root -h 127.0.0.1 -P 3306 -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 9
Server version: 10.4.32-MariaDB-log mariadb.org binary distribution
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
MariaDB [(none)]> CREATE USER 'replication'@'%' identified by 'basisdata';
Query OK, 0 rows affected (0.218 sec)
MariaDB [(none)]> GRANT REPLICATION SLAVE ON *.* TO 'replication'@'%';
Query OK, 0 rows affected (0.129 sec)
MariaDB [(none)]> SHOW MASTER STATUS;
+-----+
| File           | Position | Binlog_Do_DB | Binlog_Ignore_DB |
+-----+-----+
| mysql-bin.000002 | 660      |              |                  |
+-----+-----+
1 row in set (0.087 sec)
MariaDB [(none)]>
```

3. Buat database db_Agentelur :



```
MariaDB [(none)]> SHOW MASTER STATUS;
+-----+
| File           | Position | Binlog_Do_DB | Binlog_Ignore_DB |
+-----+-----+
| mysql-bin.000002 | 660      |              |                  |
+-----+-----+
1 row in set (0.087 sec)
MariaDB [(none)]> CREATE DATABASE db_Agentelur;
Query OK, 1 row affected (0.100 sec)
MariaDB [(none)]> use db_Agentelur;
```

4. Create table jabatan :

```
MariaDB [db_Agentelur]> create table Jabatan (  
  -> id_Jabatan int,  
  -> Jabatan varchar(20),  
  -> primary key (id_Jabatan)  
  -> );  
Query OK, 0 rows affected (0.219 sec)  
  
MariaDB [db_Agentelur]> insert into Jabatan (id_Jabatan, Jabatan)  
  -> value  
  -> ('10300', 'Owner'),  
  -> ('10301', 'Karyawan');  
Query OK, 2 rows affected (0.157 sec)  
Records: 2 Duplicates: 0 Warnings: 0  
  
MariaDB [db_Agentelur]> select * from Jabatan;  
+-----+-----+  
| id_Jabatan | Jabatan |  
+-----+-----+  
| 10300 | Owner |  
| 10301 | Karyawan |  
+-----+-----+  
2 rows in set (0.001 sec)
```

5. Create table pengguna :

```
MariaDB [db_Agentelur]> create table Pengguna (  
  -> id_Pengguna int,  
  -> id_Jabatan int,  
  -> Nama_pengguna varchar(50),  
  -> Alamat varchar(50),  
  -> No_telepon_pengguna varchar(45),  
  -> primary key (id_Pengguna),  
  -> foreign key (id_Jabatan) references Jabatan(id_Jabatan)  
  -> );  
Query OK, 0 rows affected (0.236 sec)  
  
MariaDB [db_Agentelur]>  
  
MariaDB [db_Agentelur]> insert into Pengguna (Nama_pengguna, Alamat, id_Pengguna, id_Jabatan)  
  -> value  
  -> ('Atik Supriyati', 'Jl Penataran gg 2 Kel. Patihan, Kec. Manguharjo, Kota Madiun', '205600', '10300'),  
  -> ('Nazwa Camila', 'Kelurahan Kartoharjo Kota Madiun', '255601', '10301'),  
  -> ('Amelia Candra', 'Kel. Patihan, Kec. Manguharjo Kota Madiun', '255602', '10301');  
Query OK, 3 rows affected, 1 warning (0.156 sec)  
Records: 3 Duplicates: 0 Warnings: 1  
  
MariaDB [db_Agentelur]> select * from Pengguna;  
+-----+-----+-----+-----+-----+  
| id_Pengguna | id_Jabatan | Nama_pengguna | Alamat | No_telepon_pengguna |  
+-----+-----+-----+-----+-----+  
| 205600 | 10300 | Atik Supriyati | Jl Penataran gg 2 Kel. Patihan, Kec. Manguharjo, K | NULL |  
| 255601 | 10301 | Nazwa Camila | Kelurahan Kartoharjo Kota Madiun | NULL |  
| 255602 | 10301 | Amelia Candra | Kel. Patihan, Kec. Manguharjo Kota Madiun | NULL |  
+-----+-----+-----+-----+-----+  
3 rows in set (0.077 sec)
```

6. Create table telur :

```
MariaDB [db_Agentelur]> create table Telur (  
  -> id_Telur int,  
  -> Jenis_telur varchar(20),  
  -> Harga varchar(20),  
  -> primary key (id_Telur)  
  -> );  
Query OK, 0 rows affected (0.182 sec)  
  
MariaDB [db_Agentelur]> insert into Telur (id_Telur, Jenis_telur, Harga)  
  -> value  
  -> ('785600', 'Telur ayam negeri', '23.000/kg'),  
  -> ('795601', 'Telur ayam kampung', '30.000/kg'),  
  -> ('805602', 'Telur ayam omega', '42.000/kg');  
Query OK, 3 rows affected (0.047 sec)  
Records: 3 Duplicates: 0 Warnings: 0  
  
MariaDB [db_Agentelur]> select * from Telur;  
+-----+-----+-----+  
| id_Telur | Jenis_telur | Harga |  
+-----+-----+-----+  
| 785600 | Telur ayam negeri | 23.000/kg |  
| 795601 | Telur ayam kampung | 30.000/kg |  
| 805602 | Telur ayam omega | 42.000/kg |  
+-----+-----+-----+  
3 rows in set (0.001 sec)
```

7. Create table supplier :

```
MariaDB [db_Agentelur]> create table Supplier (  
  -> id_Supplier int,  
  -> Nama_supplier varchar(30),  
  -> No_telepon int,  
  -> Alamat varchar(50),  
  -> primary key (id_Supplier)  
  -> );  
Query OK, 0 rows affected (0.156 sec)  
  
MariaDB [db_Agentelur]> insert into Supplier (id_Supplier, Nama_supplier, No_telepon, Alamat)  
  -> value  
  -> ('1278', 'Supriadi', '089791876546', 'Dolopo'),  
  -> ('1379', 'Oemah telur', '087626520972', 'Kota madiun'),  
  -> ('1480', 'Maju Berkah', '083465792010', 'Tawang rejo');  
Query OK, 3 rows affected, 3 warnings (0.113 sec)  
Records: 3 Duplicates: 0 Warnings: 3  
  
MariaDB [db_Agentelur]> select * from Supplier;  
+-----+-----+-----+-----+  
| id_Supplier | Nama_supplier | No_telepon | Alamat |  
+-----+-----+-----+-----+  
| 1278 | Supriadi | 2147483647 | Dolopo |  
| 1379 | Oemah telur | 2147483647 | Kota madiun |  
| 1480 | Maju Berkah | 2147483647 | Tawang rejo |  
+-----+-----+-----+-----+  
3 rows in set (0.000 sec)
```

8. Create table pelanggan :

```
MariaDB [db_Agentelur]> create table Pelanggan (  
  -> id_Pelanggan int,  
  -> Nama varchar(30),  
  -> Alamat varchar(50),  
  -> No_telepon int,  
  -> primary key (id_Pelanggan)  
  -> );  
Query OK, 0 rows affected (0.333 sec)  
  
MariaDB [db_Agentelur]> insert into Pelanggan (id_Pelanggan, Nama, Alamat, No_telepon)  
  -> value  
  -> ('1230', 'Raka', 'Mojopurno', '085233714050'),  
  -> ('1231', 'Tia', 'Taman', '083854678231'),  
  -> ('1232', 'Nanda', 'Pandean', '0897654290191');  
Query OK, 3 rows affected, 3 warnings (0.053 sec)  
Records: 3 Duplicates: 0 Warnings: 3  
  
MariaDB [db_Agentelur]> select * from Pelanggan;  
+-----+-----+-----+-----+  
| id_Pelanggan | Nama | Alamat | No_telepon |  
+-----+-----+-----+-----+  
| 1230 | Raka | Mojopurno | 2147483647 |  
| 1231 | Tia | Taman | 2147483647 |  
| 1232 | Nanda | Pandean | 2147483647 |  
+-----+-----+-----+-----+  
3 rows in set (0.001 sec)  
  
MariaDB [db_Agentelur]>
```

9. Create table transaksi :

```
1  
MariaDB [db_Agentelur]> create table Transaksi (  
  -> id_Transaksi int,  
  -> id_Telur int,  
  -> id_Pengguna int,  
  -> id_Pelanggan int,  
  -> Jumlah_transaksi int,  
  -> Tanggal_transaksi date,  
  -> primary key (id_Transaksi),  
  -> foreign key (id_Telur) references Telur (id_Telur),  
  -> foreign key (id_Pengguna) references Pengguna (id_Pengguna),  
  -> foreign key (id_Pelanggan) references Pelanggan (id_Pelanggan)  
  -> );  
Query OK, 0 rows affected (0.461 sec)  
  
MariaDB [db_Agentelur]> insert into Transaksi (id_Transaksi, id_Pengguna, id_Pelanggan, Tanggal_transaksi, Jumlah_transaksi)  
  -> value  
  -> ('171001', '255601', '1230', '2024/10/17', '50.000'),  
  -> ('171002', '255602', '1231', '2024/10/17', '50.000'),  
  -> ('171003', '255602', '1232', '2024/10/17', '50.000');  
Query OK, 3 rows affected (0.157 sec)  
Records: 3 Duplicates: 0 Warnings: 0  
  
MariaDB [db_Agentelur]> select * from Transaksi;  
+-----+-----+-----+-----+-----+-----+  
| id_Transaksi | id_Telur | id_Pengguna | id_Pelanggan | Jumlah_transaksi | Tanggal_transaksi |  
+-----+-----+-----+-----+-----+-----+  
| 171001 | NULL | 255601 | 1230 | 50 | 2024-10-17 |  
| 171002 | NULL | 255602 | 1231 | 50 | 2024-10-17 |  
| 171003 | NULL | 255602 | 1232 | 50 | 2024-10-17 |  
+-----+-----+-----+-----+-----+-----+  
3 rows in set (0.040 sec)
```

10. Create table detail_transaksi :

```
MariaDB [db_Agentelur]> create table Detail_transaksi (
  -> id_Detail_transaksi int,
  -> id_transaksi int,
  -> id_Telur int,
  -> Jumlah_telur int,
  -> primary key (id_Detail_transaksi),
  -> foreign key (id_transaksi) references Transaksi (id_transaksi),
  -> foreign key (id_Telur) references Telur (id_Telur)
  -> );
Query OK, 0 rows affected (0.183 sec)

MariaDB [db_Agentelur]> insert into Detail_transaksi (id_Detail_transaksi, id_transaksi, id_Telur, Jumlah_telur)
  -> value
  -> ('18930', '171003', '805602', '2'),
  -> ('18931', '171003', '795601', '3');
Query OK, 2 rows affected (0.153 sec)
Records: 2 Duplicates: 0 Warnings: 0

MariaDB [db_Agentelur]> select * from Detail_transaksi;
+-----+-----+-----+-----+
| id_Detail_transaksi | id_transaksi | id_Telur | Jumlah_telur |
+-----+-----+-----+-----+
| 18930 | 171003 | 805602 | 2 |
| 18931 | 171003 | 795601 | 3 |
+-----+-----+-----+-----+
2 rows in set (0.001 sec)
```

11. Create table pemasokan :

```
MariaDB [db_Agentelur]> create table Pemasokan (
  -> id_Pemasokan int,
  -> id_Supplier int,
  -> id_Telur int,
  -> Tanggal_dipasok date,
  -> Jumlah_pasok int,
  -> primary key (id_Pemasokan),
  -> foreign key (id_Supplier) references Supplier (id_Supplier),
  -> foreign key (id_Telur) references Telur (id_Telur)
  -> );
Query OK, 0 rows affected (0.147 sec)

MariaDB [db_Agentelur]> insert into Pemasokan (id_Pemasokan, id_Supplier, id_Telur, Tanggal_dipasok, Jumlah_pasok)
  -> value
  -> ('193001', '1278', '785600', '2024/10/15', '10 peti'),
  -> ('193002', '1379', '795601', '2024/10/15', '10 peti'),
  -> ('193003', '1480', '805602', '2024/10/15', '10 peti');
Query OK, 3 rows affected, 3 warnings (0.047 sec)
Records: 3 Duplicates: 0 Warnings: 3

MariaDB [db_Agentelur]> select * from Pemasokan;
+-----+-----+-----+-----+-----+
| id_Pemasokan | id_Supplier | id_Telur | Tanggal_dipasok | Jumlah_pasok |
+-----+-----+-----+-----+-----+
| 193001 | 1278 | 785600 | 2024-10-15 | 10 |
| 193002 | 1379 | 795601 | 2024-10-15 | 10 |
| 193003 | 1480 | 805602 | 2024-10-15 | 10 |
+-----+-----+-----+-----+-----+
3 rows in set (0.000 sec)

MariaDB [db_Agentelur]> _
```