ACTIVITY PERTEMUAN 3

NAMA: Rama Adi Satria

NPM: 51421248

KELAS: 4IA11

MATERI: MVC dan GDVC

MATA PRAKTIKUM: Rekayasa Perangkat Lunak

(Screenshoot langkah-langkah sesuai video pembelajaran dan jelaskan dengan ringkas)

```
Projects × Files Services
                                                                                   🗟 MahasiswaController,java × 🚯 Mahasiswa_mvc,java × 🗟 MahasiswaDAO.java × 👪 ModelMahasiswa.java × 🐧 MahasiswaView,java × 🛍 po
 mahasiswa_mvc

Source Packages
                                                                                   package com.mahasiswa.controller;

— I com.mahasiswa.controlle

                                                                                    2
3 import com.mahasiswa.model.MahasiswaDAO;
           MahasiswaController java
            com.mahasiswa.comoner.java
com.mahasiswa.mahasiswa_mvc
Mahasiswa_mvc.java
                                                                                        import com.mahasiswa.model.ModelMahasiswa;
import java.util.List;
        com.mahasiswa.model
           MahasiswaDAO.java
ModelMahasiswa.java
                                                                                           public class MahasiswaController {
    private MahasiswaDAO mahasiswaDAO.
      com.mahasiswa.view
            MahasiswaView.iava
                                                                                   10 E
11 12 13
                                                                                                public MahasiswaController (MahasiswaDAO mahasiswaDAO) {
    Test Packages
Dependencies
                                                                                                }
        mo ramaa
        ma ramaa
                                                                                                public void displayMahasiswaList(List<ModelMahasiswa> mahasiswaList) {
   if(mahasiswaList.isEmpty()) {
               META-INF
           META-INF.maven.com.google.protobuf.protobuf-java
                                                                                                            System.out.println("Tidak ada data mahasiswa");
                                                                                                             System.out.println("");
Navigator ×
                                                                                                           System.out.println("");

System.out.println("");

System.out.println(""ID : " + m.getId());

System.out.println("ID : " + m.getId());

System.out.println("NPM : " + m.getNpm());

System.out.println("NAMA : " + m.getNama());
  MahasiswaController

    ♦ MahasiswaController(MahasiswaDAO mahasiswaDAO)
    ■ addMahasiswa(String npm, String nama, int semester, float ipk)

      checkDatabaseConnection()
      closeConnection()
```

```
☑ MahasiswaController,java × ☑ Mahasiswa_mvc.java × ☑ MahasiswaDAO,java × ☑ ModelMahasiswa,java × ☑ MahasiswaView,java × ☑ MahasiswaView
Projects × Files Services
     mahasiswa_mvc

Source Packages
                                                                                                                                                                                                          package com.mahasiswa.model;

— 

— com.mahasiswa.controller

Mahasiswa.Controller.java

com.mahasiswa.mahasiswa_mvc
                                                                                                                                                                                                                3 🗏 import java.sql.*;
                                                                                                                                                                                                                                 import java.util.ArrayList;
                              Mahasiswa_mvc.java
                    com.mahasiswa.model

MahasiswaDAO.java

ModelMahasiswa.java
                                                                                                                                                                                                                                import java.util.List;
                                                                                                                                                                                                                                               private Connection co
               com.mahasiswa.view
MahasiswaView.java
             Test Packages
             Dependencies
Test Packages
Dependencies
Test Packages
                                                                                                                                                                                                                                                                          Class.forName("com.mysql.cj.jdbc.Driver");
connection = DriverManager.getConnection("jdbc:mysql://localhost:3306/mahasiswa_mv
                                                                                                                                                                                                                                                           } catch (Exception e) {
                             META-INF
                                                                                                                                                                                                                                                                          e.printStackTrace();
                             META-INF.maven.com.google.protobuf.protobuf-java
 MahasiswaDAO.java - Navigator ×
                                                                                                                                                                                                                                              public boolean checkConnection() {
 Members
                                                                                                                                                                                                                                                                       if(connection != null && !connection.isClosed()) {
     MahasiswaDAO
                ♦ MahasiswaDAO()⊚ addMahasiswa(Mo
                                                                                                                                                                                                             22 23
                                                                                                                                                                                                                                                                                     return true: //koneksi berhasil
                 checkConnection(): boolean
```

