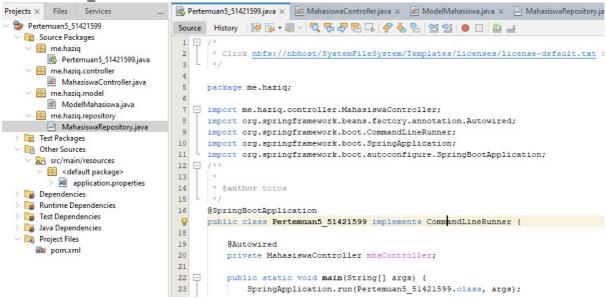
Nama: Haziq Duha Zainul Ihsa

NPM: 51421599 Matprak: RPI

Pertemuant5_51421599



MahasiswaController

```
Projects × Files Services
                                  🙀 Pertemuan5_51421599,java 🗴 🏿 MahasiswaController,java 🗴 🚳 ModelMahasiswa,java 🗴 🗟 MahasiswaRepository.java 🗴
                                   Pertemuan5_51421599
    Source Packages

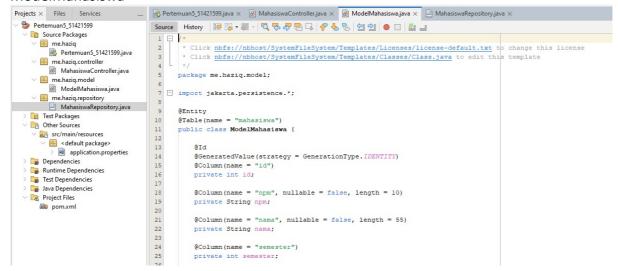
✓ III me.haziq

                                          * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this lice
        Pertemo
                 uan5_51421599.java
                                         * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template

✓ ■ me.haziq.controller

        MahasiswaController.java
                                         package me.hazig.controller;
    ∨ <u>⊞</u> me.haziq.model
        ModelMahasiswa.iava
                                    7 = import me.haziq.model.ModelMahasiswa;
      me.haziq.repository
                                         import me.haziq.repository.MahasiswaRepository;
        MahasiswaRepository.java
                                         import org.springframework.beans.factory.annotation.Autowired;
  > Test Packages
                                         import org.springframework.stereotype.Controller;
  V 🛅 Other Sources
     src/main/resources
                                         import java.util.List;
       default package>
                                   13
                                         import java.util.Scanner;
         > application.properties
  > 🕞 Dependencies
                                         @Controller
                                   15
    Runtime Dependencies
                                         public class MahasiswaController {
   Test Dependencies
                                   17
18
    Java Dependencies
                                             @Autowired
  V 🗟 Project Files
                                   19
                                             private MahasiswaRepository mahasiswaRepository;
      @pom.xml
                                   20
21
                                      阜
                                             public void tampilkanMenu() {
                                   22
                                                 Scanner scanner = new Scanner(System.in);
                                   23
                                                 int opsi;
                                   25
                                                     System.out.println("\nMenu: ");
```

ModelMahasiswa



MahasiswaRepository

```
Projects × Files Services
                                        🚳 Pertemuan5_51421599.java × 🚳 MahasiswaController.java × 🚳 ModelMahasiswa.java × 🖂 MahasiswaRepository.java ×
  Pertemuan5_51421599

∨ Image Source Packages

     we.haziq
                                                 * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license * Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template
          Pertemuan5_51421599.java

✓ 

    me.haziq.controller

          MahasiswaController.iava
                                                package me.hazig.repository;

✓ 

    me.haziq.model

       ModelMahasiswa.java
me.haziq.repository
MahasiswaRepository.java
                                          import me.haziq.model.ModelMahasiswa;
import org.springframework.data.jpa.re
import org.springframework.stereotype
                                              import org.springframework.data.jpa.repository.JpaRepository;
                                                 import org.springframework.stereotype.Repository;
    Test Packages
    Other Sources
      src/main/resources
                                                 * @author totos
        < efault package>
                                          13
           > application.properties
                                                 @Repository
  > Dependencies
                                                 public interface MahasiswaRepository extends JpaRepository<ModelMahasiswa, Long> {
    Runtime Dependencies
    Test Dependencies
    Java Dependencies
    Project Files
       pom.xml
```

Output

```
Menu:
1. Tampilkan semua mahasiswa
2. Tambah mahasiswa baru
3. Cek koneksi database
4. Keluar
Pilih Opsi:
2
Masukkan NFM:
51421599
Masukkan Nama:
Haziq
Masukkan Semester:
8
Masukkan IPK:
4
Hibernate: insert into mahasiswa (ipk,nama,npm,semester) values (2,2,2,2)
Mahasiswa Berhasil ditambahkan.
```

```
Menu:
1. Tampilkan semua mahasiswa
2. Tambah mahasiswa baru
3. Cek koneksi database
4. Keluar
Pilih Opsi:
Hibernate: select mml_0.id,mml_0.ipk,mml_0.nama,mml_0.npm,mml_0.semester from mahasiswa mml_0 Mahasiswa(id=1, npm='51421599', nama='Haziq', semester=8', ipk='4.0')
1. Tampilkan semua mahasiswa
2. Tambah mahasiswa baru
3. Cek koneksi database
4. Keluar
Pilih Opsi:
Hibernate: select mml_0.id,mml_0.ipk,mml_0.nama,mml_0.npm,mml_0.semester from mahasiswa mml_0
Koneksi ke database berhasil
Menu:
1. Tampilkan semua mahasiswa

    Tambah mahasiswa baru
    Cek koneksi database

4. Keluar
Pilih Opsi:
Keluar dari program
```