## **ACTIVITY PERTEMUAN 5**

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NPM : 50421831

KELAS : 4IA13

MATERI : Konsep Framework Spring, Pembuatan Projek Spring dan

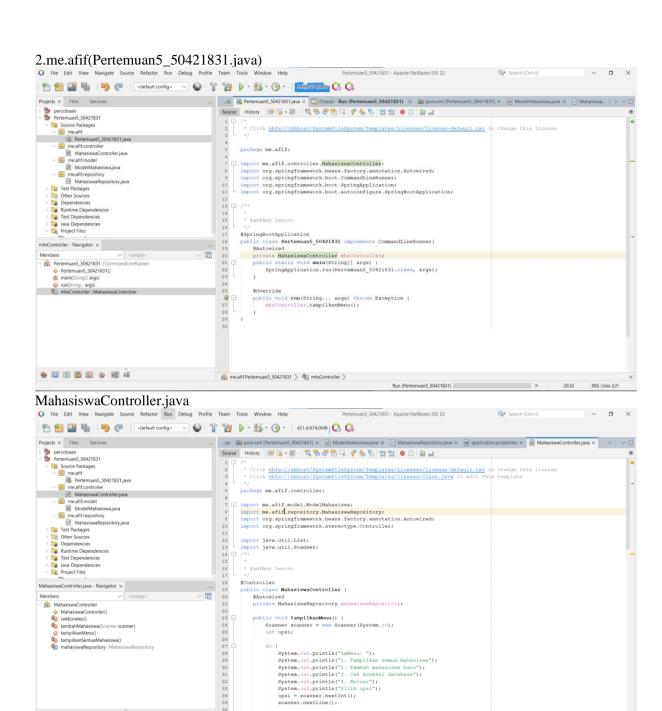
Hibernate

**MATA PRAKTIKUM: RPL2** 

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



- Dependency Injection (DI) adalah konsep penting dalam Spring Framework.
   Jelaskan apa itu Dependency Injection dan mengapa DI sangat penting dalam pengembangan aplikasi berbasis Spring Boot.
- 2. Screenshot Kode dan Output Program!
- 1. Dependency Injection (DI) adalah pola desain dalam pemrograman yang memungkinkan pengelolaan ketergantungan antar objek,karena Dependency Injection membantu menyuntikkan (inject) objek yang dibutuhkan oleh kelas lain tanpa harus membuat atau menginisialisasi objek tersebut secara langsung. Dengan DI, objek yang dibutuhkan (dependensi) akan disediakan dan dikelola oleh Spring, bukan oleh kelas itu sendiri.



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\* Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template @Column(name = "nama", nullable = false, length = 50)
private String nama; Members

ModelMahasiswa

Model @Column(name = "semester")
private int semester; @Column(name = "ipk")
private float ipk; public ModelMahasiswa (int id, String npm, String nama, int semester, float ipk) ( lic ModelMahasiswa(int id,
this.id = id;
this.npm = npm;
this.nama = nama;
this.semester = semester;
this.ipk = ipk; | X | Run (Pertemuan5\_50421831) | X | 91:1 | INS | Windows (CRLF) MahasiswaReposiotry.javaa File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help Pertemuan5\_50421831 - Apache NetBeans IDE 22 Q▼ Search (Ctrl+I) \_\_\_\_\_\_\_sp; 🛍 pom.xml [Pertemuan5\_50421831] × 🗷 ModelMahasiswa.java × 🗔 MahasiswaRepository.java × 🗷 application.properties × 🗷 MahasiswaController.java × 💎 🔾 Projects × Files Services Projects X Files Services

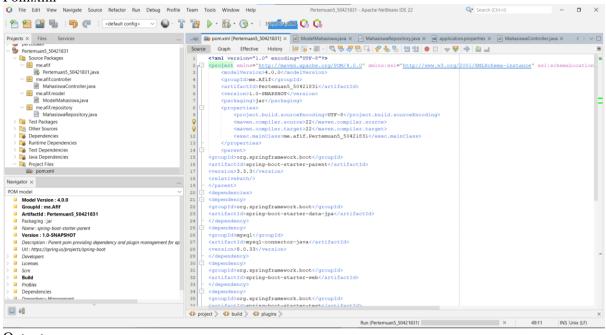
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\* @author Lenovo @Repository
public interface MahasiswaRepository extends JpaRepository(ModelMahasiswa, Long) - 6

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## Pom.xml



## Output:

