

ACTIVITY PERTEMUAN 6

NAMA : Yolanda Pangemanan

NPM : 51421536

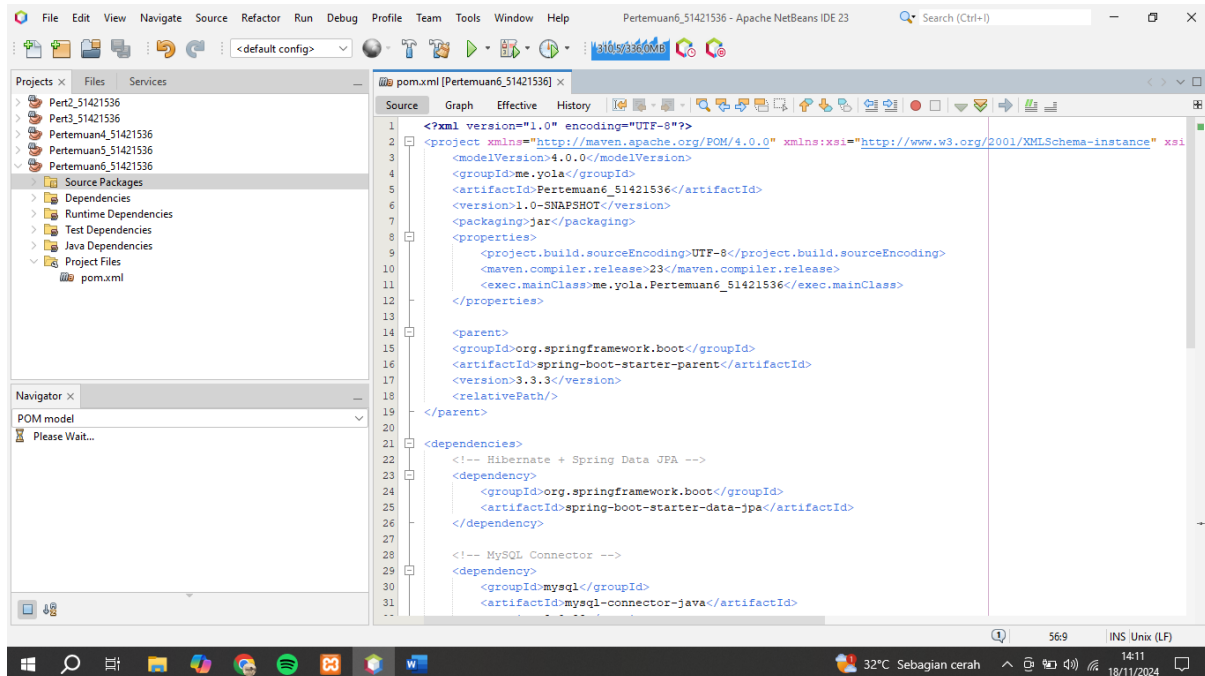
KELAS : 4IA14

MATA PRAKTIKUM : Rekayasa Perangkat Lunak 2

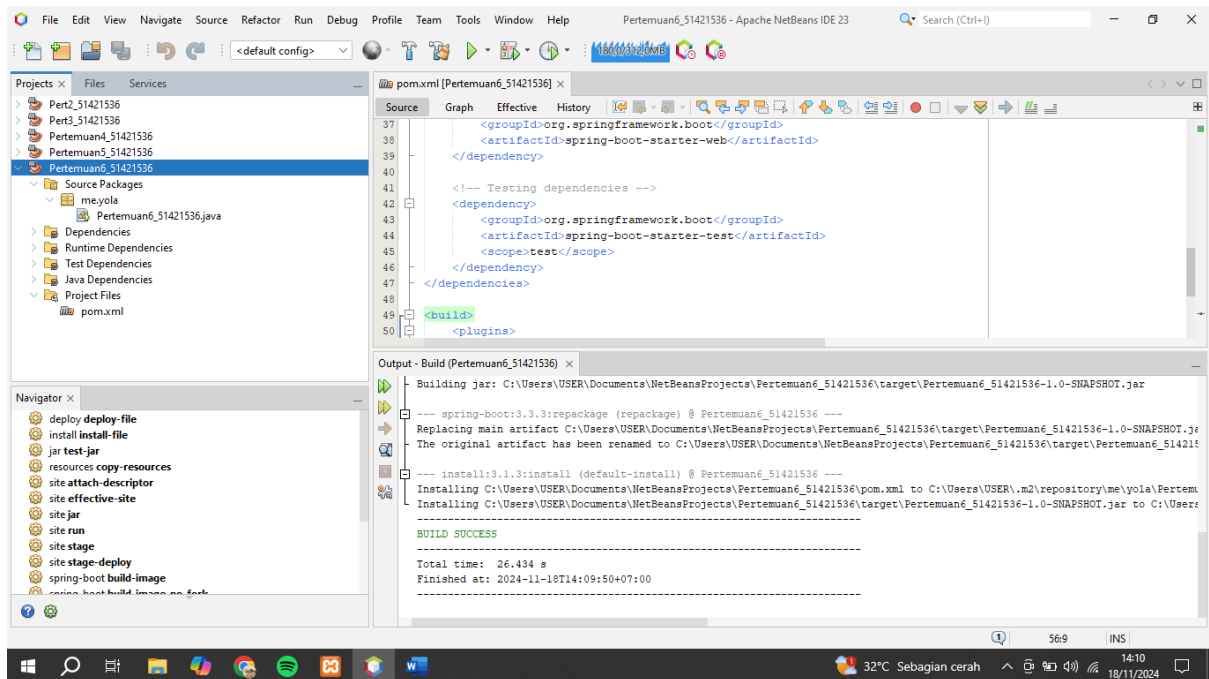
Screenshot kode dan ouput program!

Program

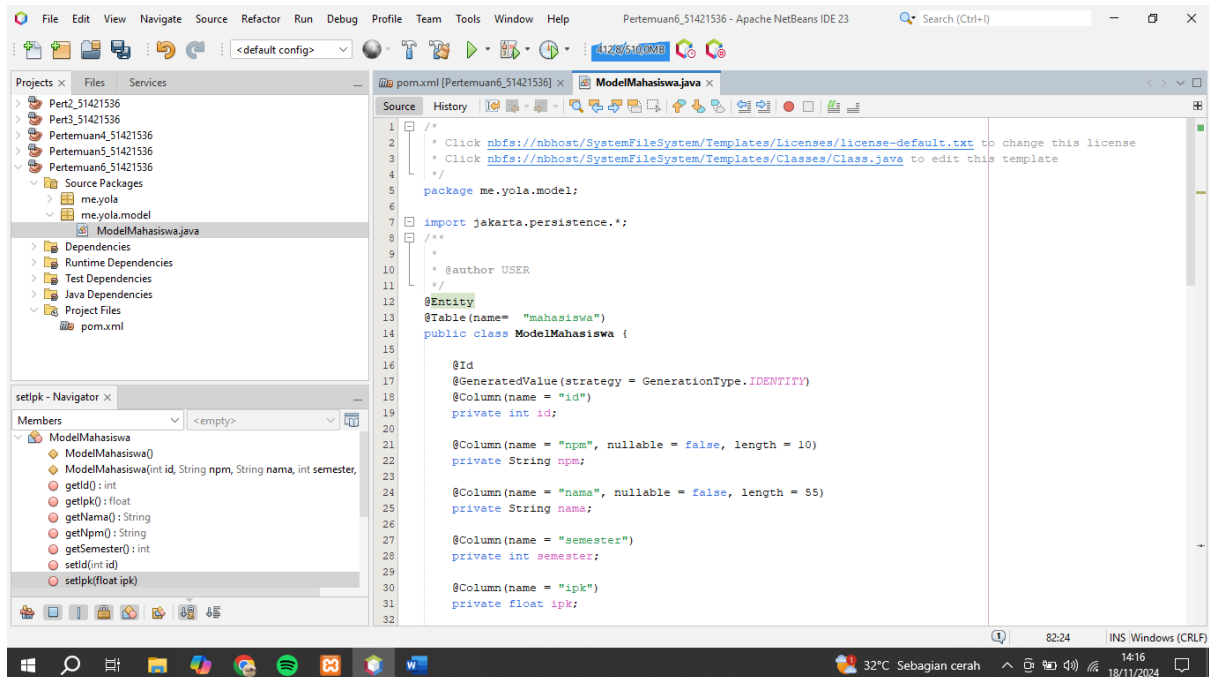
Pom.xml



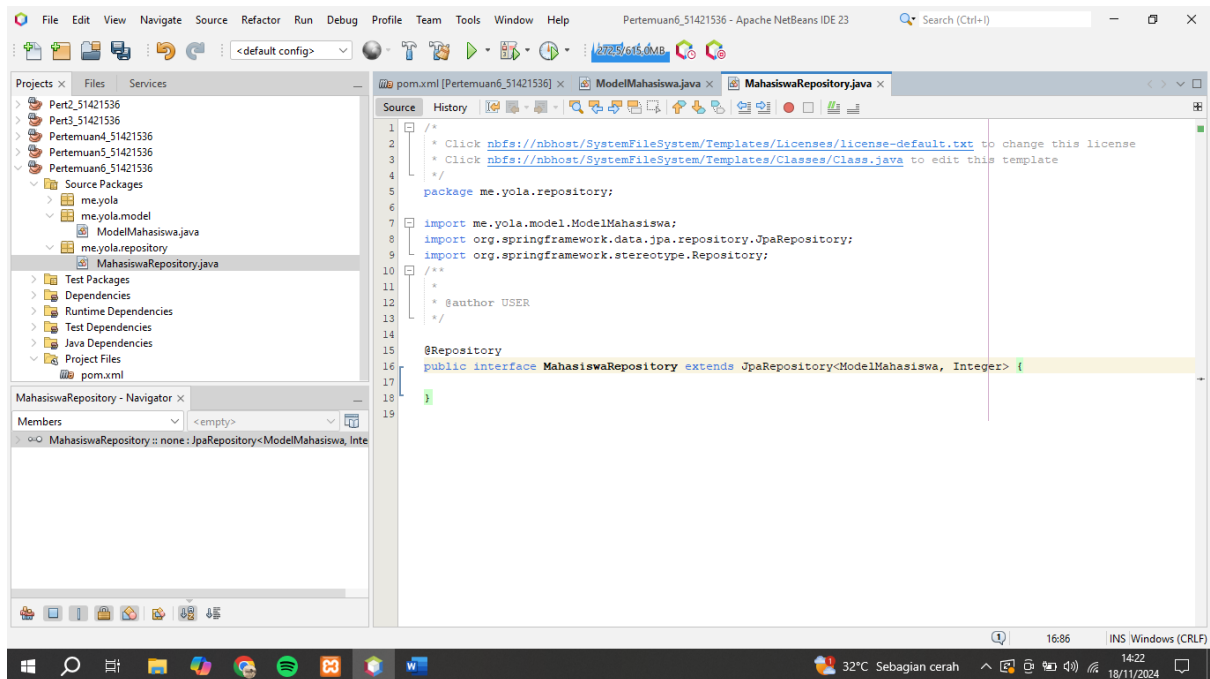
Setelah itu dicekan and build



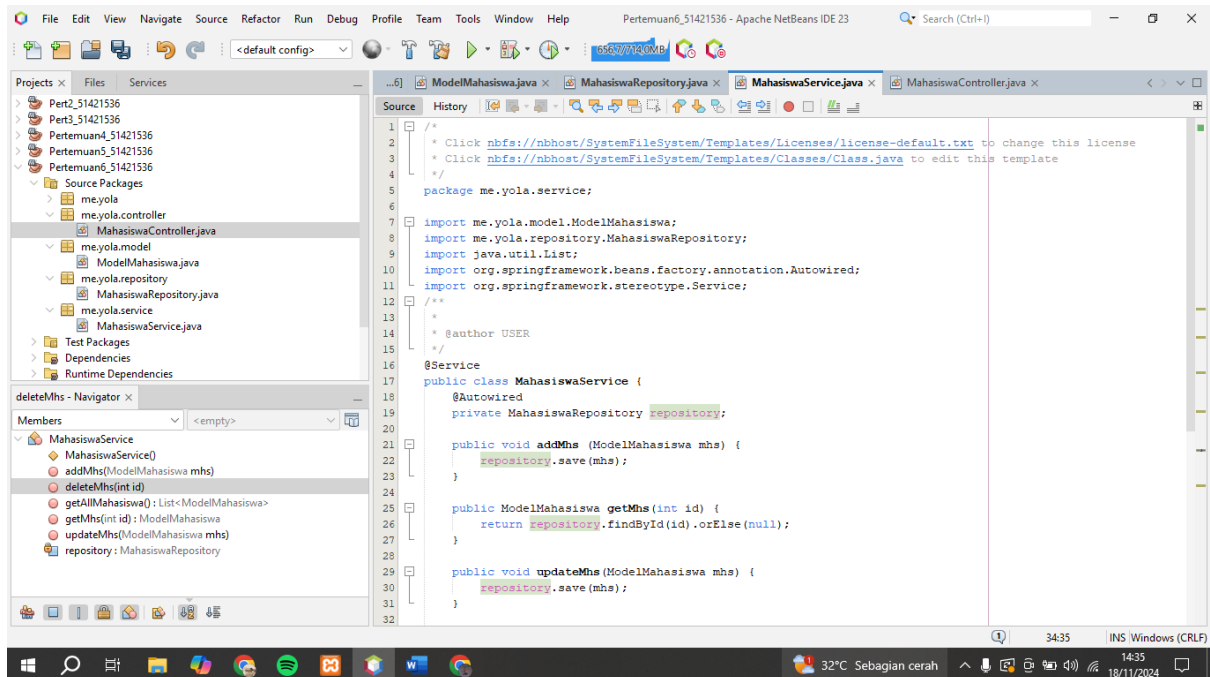
ModelMahasiswa.java



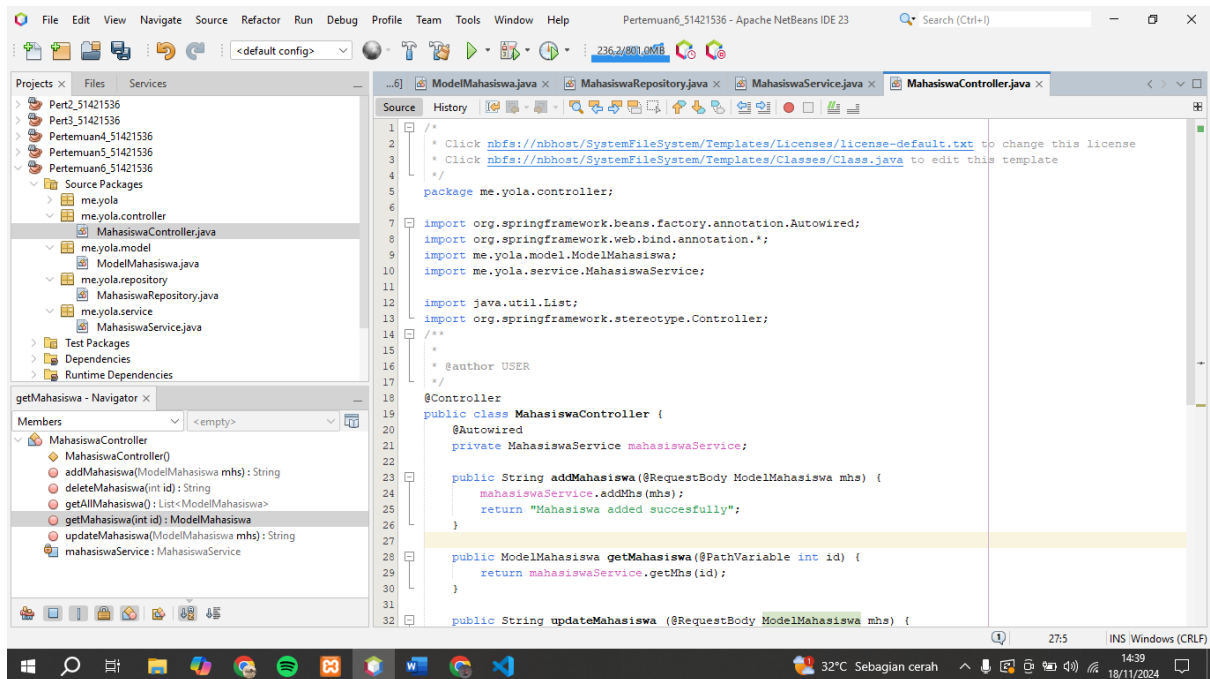
MahasiswaRepository.java



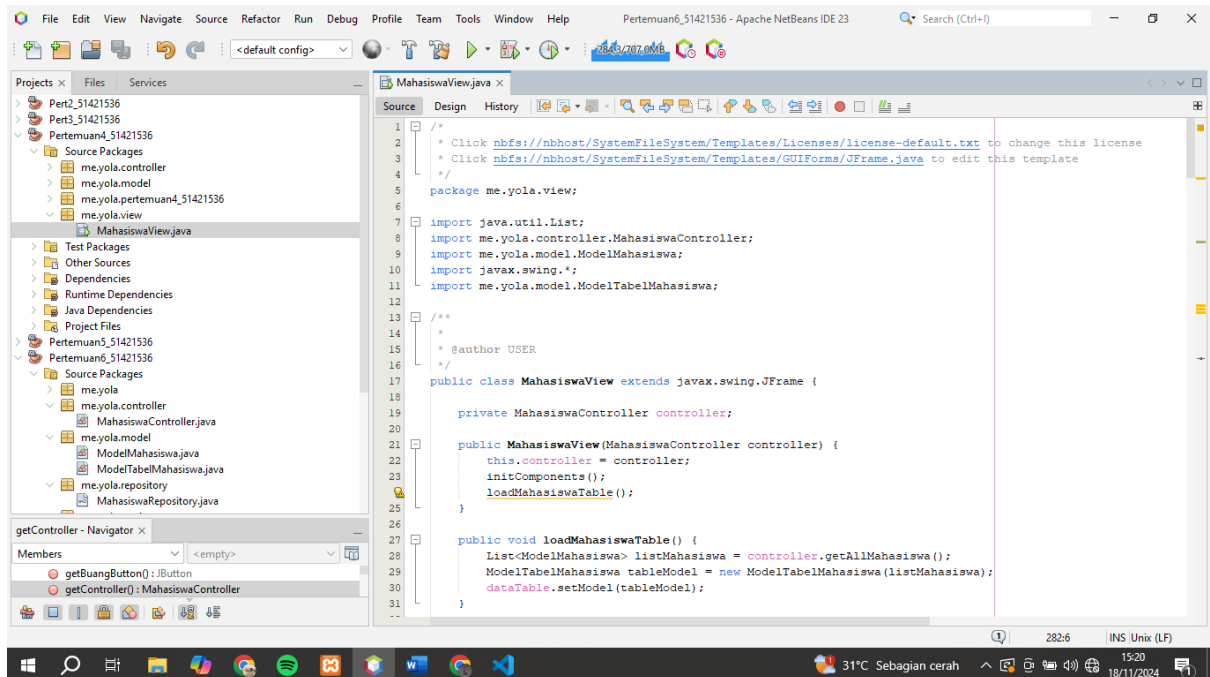
MahasiswaService.java



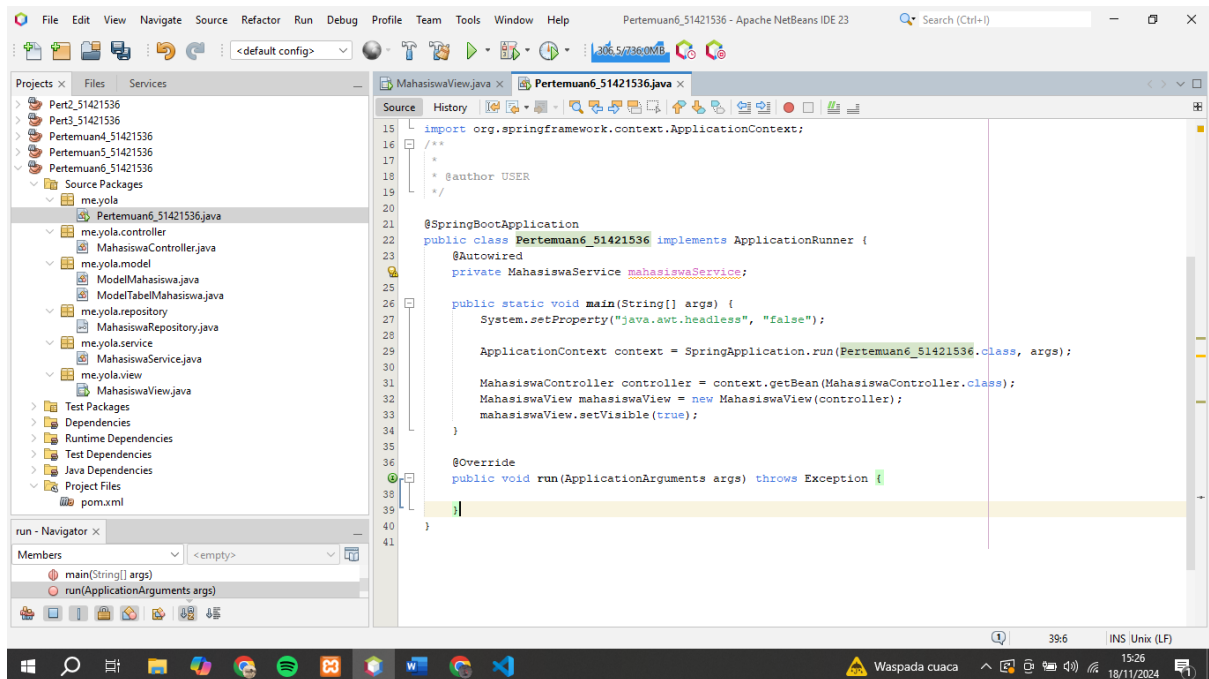
MahasiswaController.java



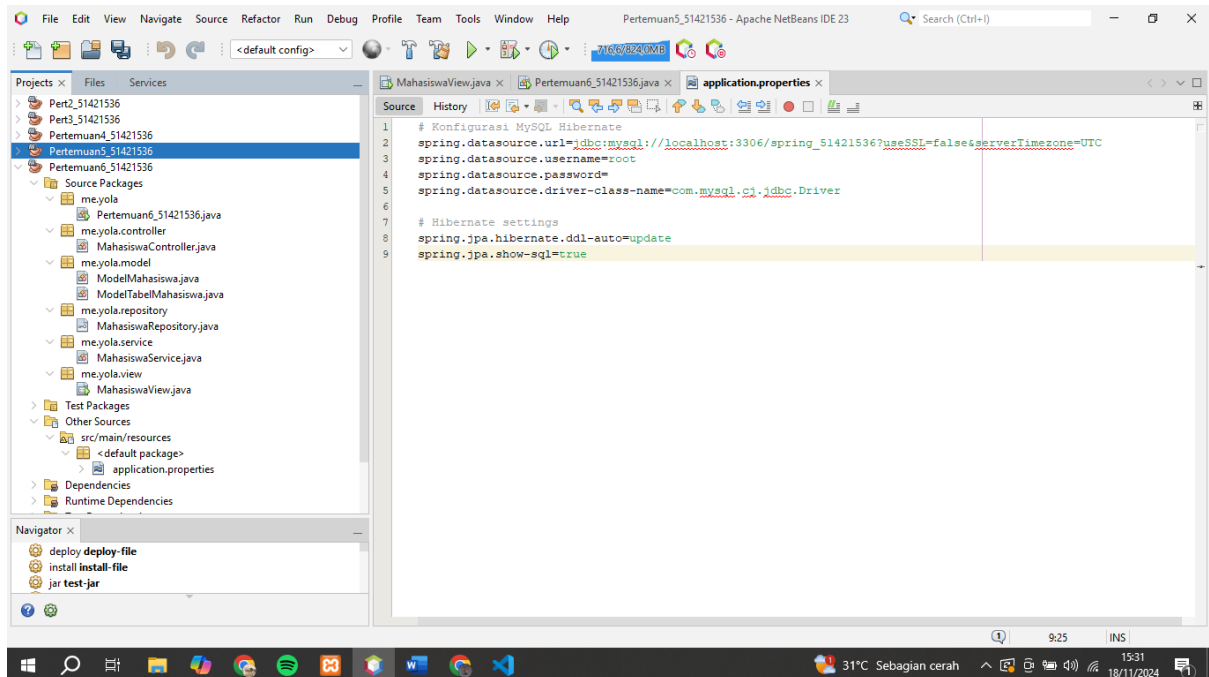
MahasiswaView.java



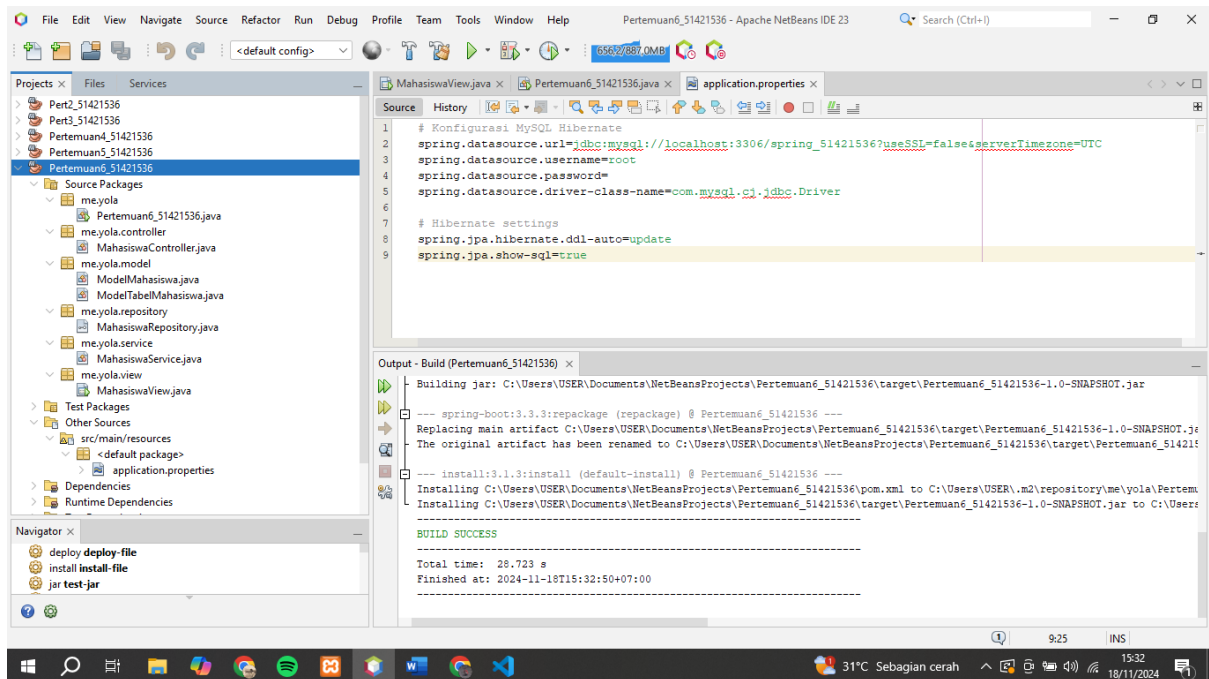
Pertemuan6_51421536.java



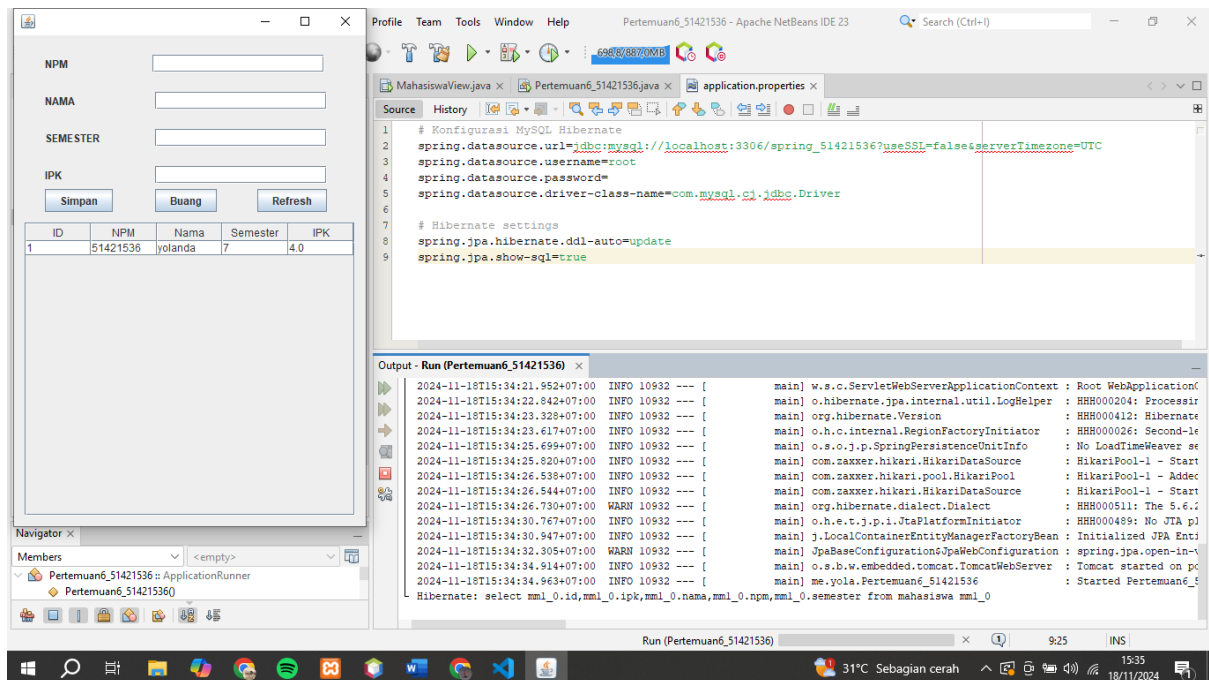
Application.properties



Setelah itu diclean and build untuk Pertemuan6_51421536 nya

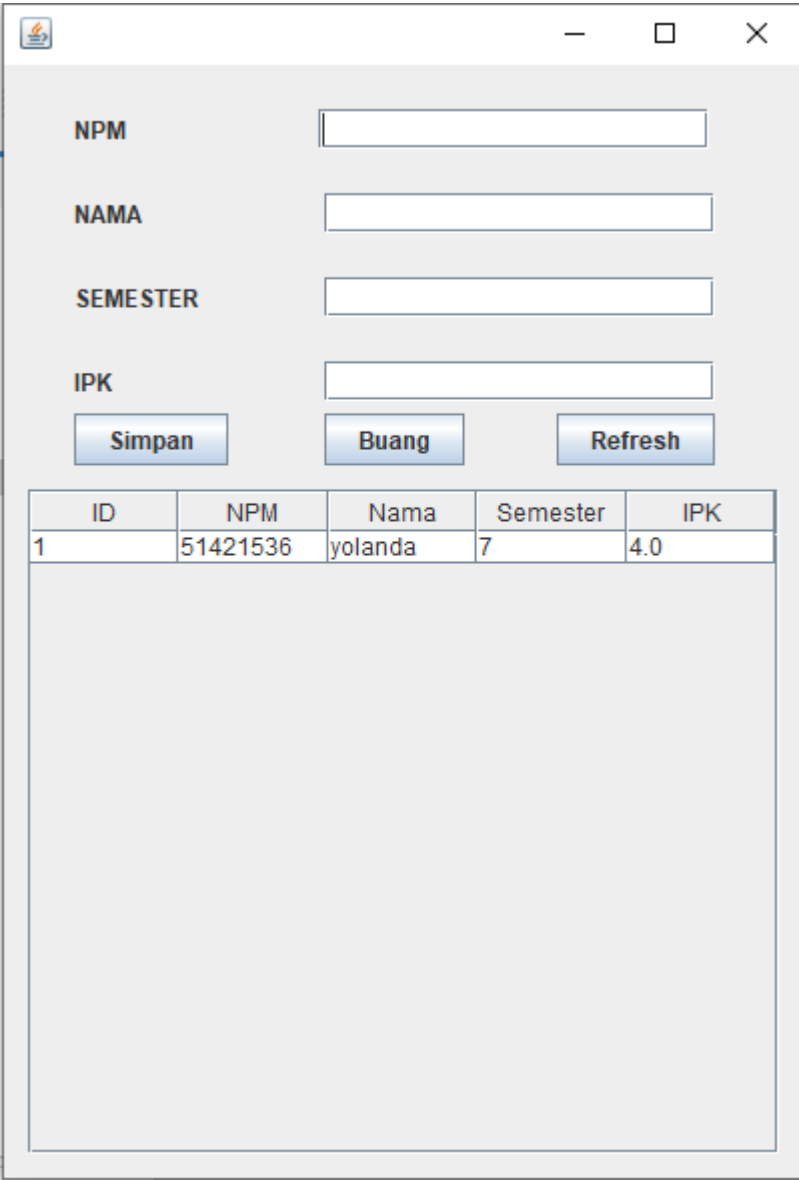


Lalu run file Pertemuan6_51421536.java



Output


Muncul data mahasiswa dari pertemuan sebelumnya



The screenshot shows a web application window with a title bar containing a small icon and standard window controls (minimize, maximize, close). The main content area is light gray and contains a form with four input fields labeled NPM, NAMA, SEMESTER, and IPK. Below these fields are three buttons: 'Simpan', 'Buang', and 'Refresh'. At the bottom of the form is a table with five columns: ID, NPM, Nama, Semester, and IPK. The table contains one data row with the values 1, 51421536, yolanda, 7, and 4.0. Below the table is a large, empty rectangular area.

ID	NPM	Nama	Semester	IPK
1	51421536	yolanda	7	4.0

Tambah mahasiswa baru



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□

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NPM

51421300

NAMA

jeje

SEMESTER

7

IPK

4

Simpan

Buang

Refresh

ID	NPM	Nama	Semester	IPK
1	51421536	yolanda	7	4.0
2	51421300	jeje	7	4.0

Hapus

The screenshot displays a Java application window titled "Pertemuan6_51421536 - Ap". The application has a form for adding or updating student data and a table showing existing data.

Form Fields:

- NPM: 51421300
- NAMA: jeje
- SEMESTER: 7
- IPK: 4

Buttons: Simpan, Buang, Refresh

Table:

ID	NPM	Nama	Semester	IPK
1	51421536	yolanda	7	4.0
2	51421300	jeje	7	4.0

A "Hapus Mahasiswa" (Delete Student) dialog box is open, prompting the user to "Masukkan ID yang ingin di hapus:" (Enter the ID you want to delete:). The input field contains the value "1".

The background shows the IDE (Eclipse) with the "Source" editor displaying the configuration for MySQL Hibernate in the "Pertemuan6_51421536.java" file. The configuration includes the database URL, username, password, driver class name, and Hibernate settings.

```
# Konfigurasi MySQL Hibernate
spring.datasource.url=jdbc:mysql://localhost:3306/pertemuan6
spring.datasource.username=root
spring.datasource.password=
spring.datasource.driver-class-name=com.mysql.cj.jdbc.Driver

# Hibernate settings
spring.jpa.hibernate.ddl-auto=update
spring.jpa.show-sql=true
```

The "Output - Run (Pertemuan6_51421536)" console shows the following log messages:

```
2024-11-18T15:34:26.544+07:00 INFO 10932 --- [
2024-11-18T15:34:26.730+07:00 WARN 10932 --- [
2024-11-18T15:34:30.767+07:00 INFO 10932 --- [
2024-11-18T15:34:30.947+07:00 INFO 10932 --- [
2024-11-18T15:34:32.305+07:00 WARN 10932 --- [
2024-11-18T15:34:34.914+07:00 INFO 10932 --- [
2024-11-18T15:34:34.963+07:00 INFO 10932 --- [
Hibernate: select mmml_0.id,mmml_0.ipk,mmml_0.nama,mmml_0.
4.0
jeje
```

A "Sukses" (Success) dialog box is shown, indicating that the data was successfully deleted: "Data berhasil dihapus".

The screenshot shows a web application window with a title bar containing a logo, a minus sign, a maximize button, and a close button. The main content area is divided into two sections. The top section is a form with four input fields, each with a label to its left: 'NPM' with the value '51421300', 'NAMA' with the value 'jeje', 'SEMESTER' with the value '7', and 'IPK' with the value '4'. Below these fields are three buttons: 'Simpan', 'Buang', and 'Refresh'. The bottom section is a table with five columns: 'ID', 'NPM', 'Nama', 'Semester', and 'IPK'. The table contains one data row with the values '2', '51421300', 'jeje', '7', and '4.0' respectively. Below the table is a large, empty rectangular area.

NPM	51421300
NAMA	jeje
SEMESTER	7
IPK	4

Simpan Buang Refresh

ID	NPM	Nama	Semester	IPK
2	51421300	jeje	7	4.0

Setelah direfresh data sudah berhasil dihapus