

## ACTIVITY PERTEMUAN 4

NAMA : MARSILLO DITO SAPUTRA

NPM : 50421786

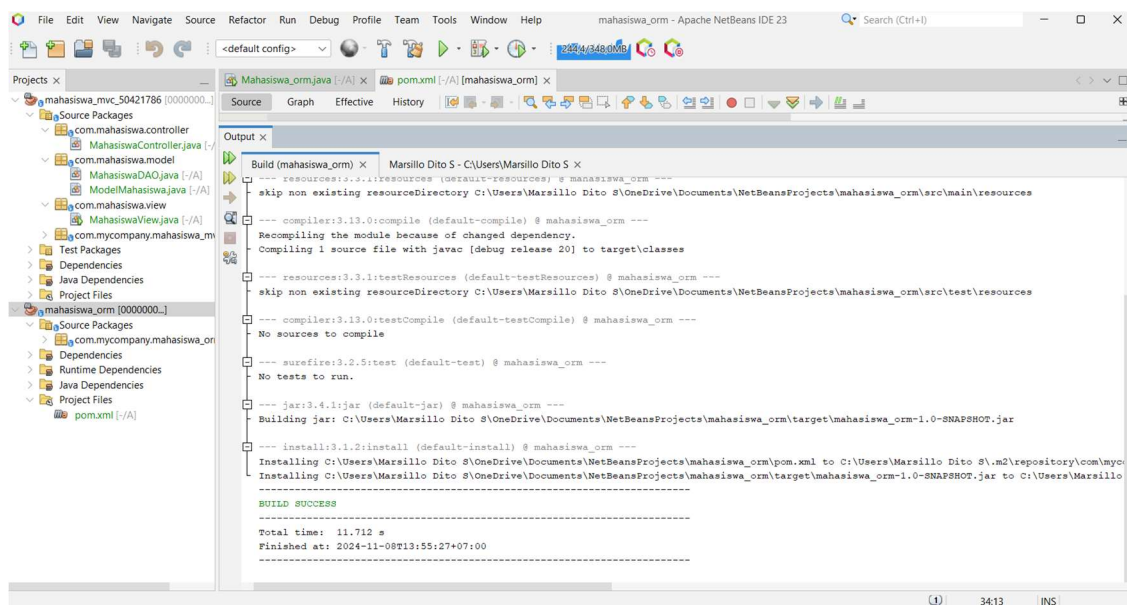
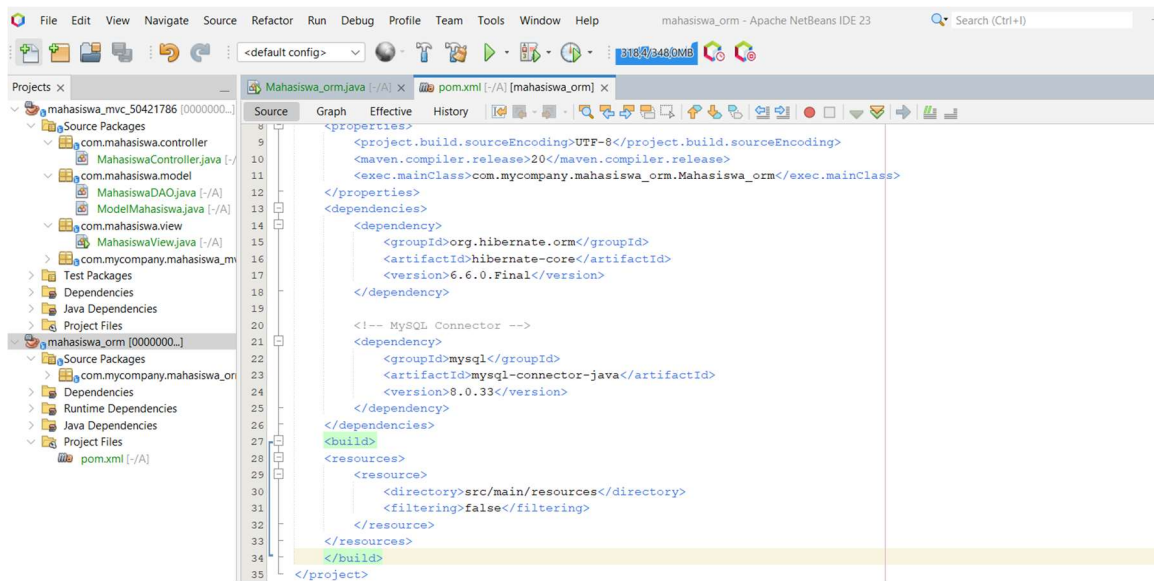
KELAS : 4IA11

MATERI :

MATA PRAKTIKUM : REKAYASA PERANGKAT LUNAK 2

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

### PROGRAM SEBELUM OUTPUT





Application window showing a form for student data (NPM, NAMA, SEMESTER, IPK) and a table of existing records. The form fields are filled with NPM: 50421786, NAMA: Marsillo, SEMESTER: 7, and IPK: 3.75. The table shows one record with the same values.

ID	NPM	Nama	Semester	IPK
1	50421786	Marsillo	7	3.75

Buttons: Simpan, Refresh, Buang

Output window shows the execution of the application, displaying database connection details and the successful insertion of the new record into the database.

```
Database driver: com.mysql.cj.jdbc.Driver
Database version: 5.5.5
Autocommit mode: false
Isolation level: undefined/unknown
Minimum pool size: 1
Maximum pool size: 20
Nov 08, 2024 3:33:54 PM org.hibernate.engine.transaction.jta.platform.internal.JtaPlatformInitiator initiateService
INFO: HH000489: No JTA platform available (set 'hibernate.transaction.jta.platform' to enable JTA platform integrati
Nov 08, 2024 3:33:54 PM org.hibernate.resource.transaction.backend.jdbc.internal.DdlTransactionIsolatorNonJtaImpl getI
INFO: HH01001501: Connection obtained from JdbcConnectionAccess [org.hibernate.engine.jdbc.env.internal.JdbcEnvironment
Hibernate: create table mahasiswa (id integer not null auto_increment, ipk float(23) not null, nama varchar(50) not nu
Koneksi Berhasil!!!!
Hibernate: select mm1_0.id,mm1_0.ipk,mm1_0.nama,mm1_0.npm,mm1_0.semester from mahasiswa mm1_0
Hibernate: insert into mahasiswa (ipk,nama,npm,semester) values (3.75,7,7,7)
Hibernate: select mm1_0.id,mm1_0.ipk,mm1_0.nama,mm1_0.npm,mm1_0.semester from mahasiswa mm1_0
```

Application window showing the form with NPM: 50421787, NAMA: Dito, SEMESTER: 8, and IPK: 3.00. The table now shows two records, including the new one.

ID	NPM	Nama	Semester	IPK
1	50421786	Marsillo	7	3.75
2	50421787	Dito	8	3.0

Buttons: Simpan, Refresh, Buang

Output window shows the execution of the application, displaying database connection details and the successful insertion of the new record into the database.

```
Autocommit mode: false
Isolation level: undefined/unknown
Minimum pool size: 1
Maximum pool size: 20
Nov 08, 2024 3:33:54 PM org.hibernate.engine.transaction.jta.platform.internal.JtaPlatformInitiator initiateService
INFO: HH000489: No JTA platform available (set 'hibernate.transaction.jta.platform' to enable JTA platform integrator
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INFO: HH01001501: Connection obtained from JdbcConnectionAccess [org.hibernate.engine.jdbc.env.internal.JdbcEnvironment
Hibernate: create table mahasiswa (id integer not null auto_increment, ipk float(23) not null, nama varchar(50) not nul
Koneksi Berhasil!!!!
Hibernate: select mm1_0.id,mm1_0.ipk,mm1_0.nama,mm1_0.npm,mm1_0.semester from mahasiswa mm1_0
Hibernate: insert into mahasiswa (ipk,nama,npm,semester) values (3.0,8,7,7)
Hibernate: select mm1_0.id,mm1_0.ipk,mm1_0.nama,mm1_0.npm,mm1_0.semester from mahasiswa mm1_0
Hibernate: select mm1_0.id,mm1_0.ipk,mm1_0.nama,mm1_0.npm,mm1_0.semester from mahasiswa mm1_0
Hibernate: insert into mahasiswa (ipk,nama,npm,semester) values (3.0,8,7,7)
Hibernate: select mm1_0.id,mm1_0.ipk,mm1_0.nama,mm1_0.npm,mm1_0.semester from mahasiswa mm1_0
```

Application window showing the form with NPM: 50421788, NAMA: Saputra, SEMESTER: 9, and IPK: 4.00. The table now shows three records, including the new one.

ID	NPM	Nama	Semester	IPK
1	50421786	Marsillo	7	3.75
2	50421787	Dito	8	3.0
3	50421788	Saputra	9	4.0

Buttons: Simpan, Refresh, Buang

Output window shows the execution of the application, displaying database connection details and the successful insertion of the new record into the database.

```
Minimum pool size: 1
Maximum pool size: 20
Nov 08, 2024 3:33:54 PM org.hibernate.engine.transaction.jta.platform.internal.JtaPlatformInitiator initiateService
INFO: HH000489: No JTA platform available (set 'hibernate.transaction.jta.platform' to enable JTA platform integrator
Nov 08, 2024 3:33:54 PM org.hibernate.resource.transaction.backend.jdbc.internal.DdlTransactionIsolatorNonJtaImpl getI
INFO: HH01001501: Connection obtained from JdbcConnectionAccess [org.hibernate.engine.jdbc.env.internal.JdbcEnvironment
Hibernate: create table mahasiswa (id integer not null auto_increment, ipk float(23) not null, nama varchar(50) not nul
Koneksi Berhasil!!!!
Hibernate: select mm1_0.id,mm1_0.ipk,mm1_0.nama,mm1_0.npm,mm1_0.semester from mahasiswa mm1_0
Hibernate: insert into mahasiswa (ipk,nama,npm,semester) values (4.0,9,7,7)
Hibernate: select mm1_0.id,mm1_0.ipk,mm1_0.nama,mm1_0.npm,mm1_0.semester from mahasiswa mm1_0
Hibernate: insert into mahasiswa (ipk,nama,npm,semester) values (4.0,9,7,7)
Hibernate: select mm1_0.id,mm1_0.ipk,mm1_0.nama,mm1_0.npm,mm1_0.semester from mahasiswa mm1_0
Hibernate: insert into mahasiswa (ipk,nama,npm,semester) values (4.0,9,7,7)
Hibernate: select mm1_0.id,mm1_0.ipk,mm1_0.nama,mm1_0.npm,mm1_0.semester from mahasiswa mm1_0
```

localhost/phpmyadmin/index.php?route=/database/structure&db=hibernate\_db

Server: localhost:8111 Database: hibernate\_db

Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers Designer

Recent Favorites

New  
hibernate\_db  
New  
mahasiswa  
information\_schema  
mahasiswa\_mvc  
mysql  
performance\_schema  
phpmyadmin  
test

Filters

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> mahasiswa	Browse  Structure  Search  Insert  Empty  Drop	3	InnoDB	utf8mb4_general_ci	16.0 KiB	-
1 table	Sum	3	InnoDB	utf8mb4_general_ci	16.0 KiB	0 B

☐ Check all With selected:

Print Data dictionary

Create new table

Table name  Number of columns