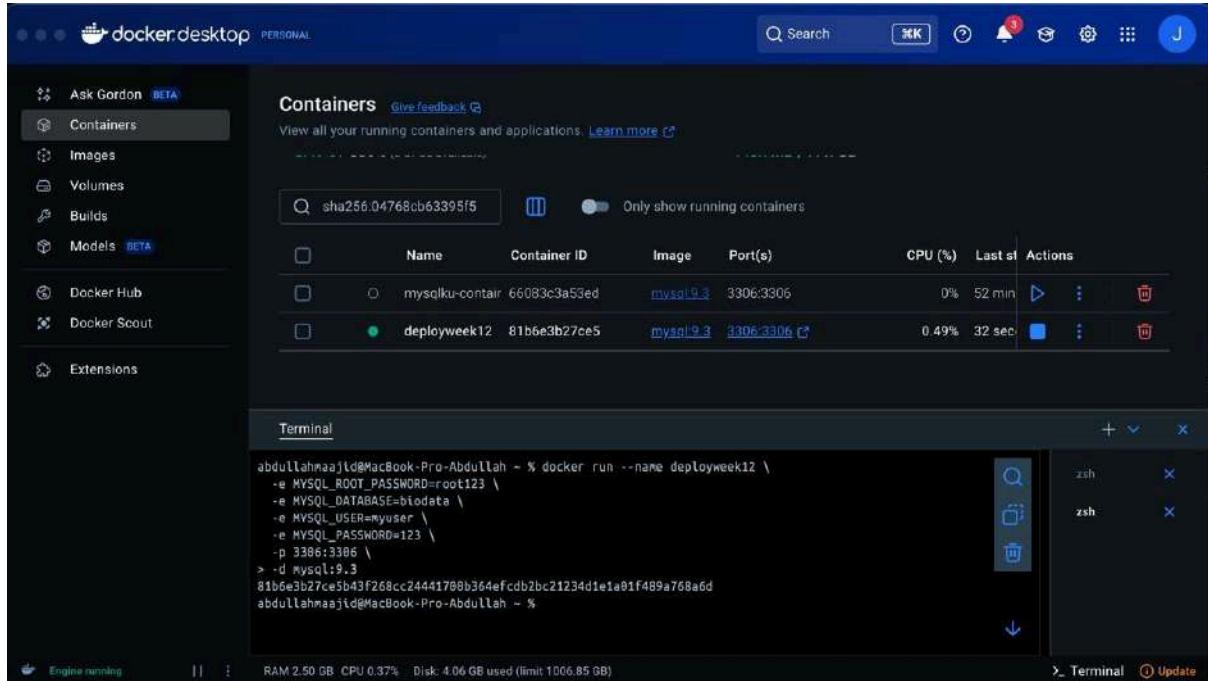


Tugas Project Spring Boot - Input Data Biodata ke Database

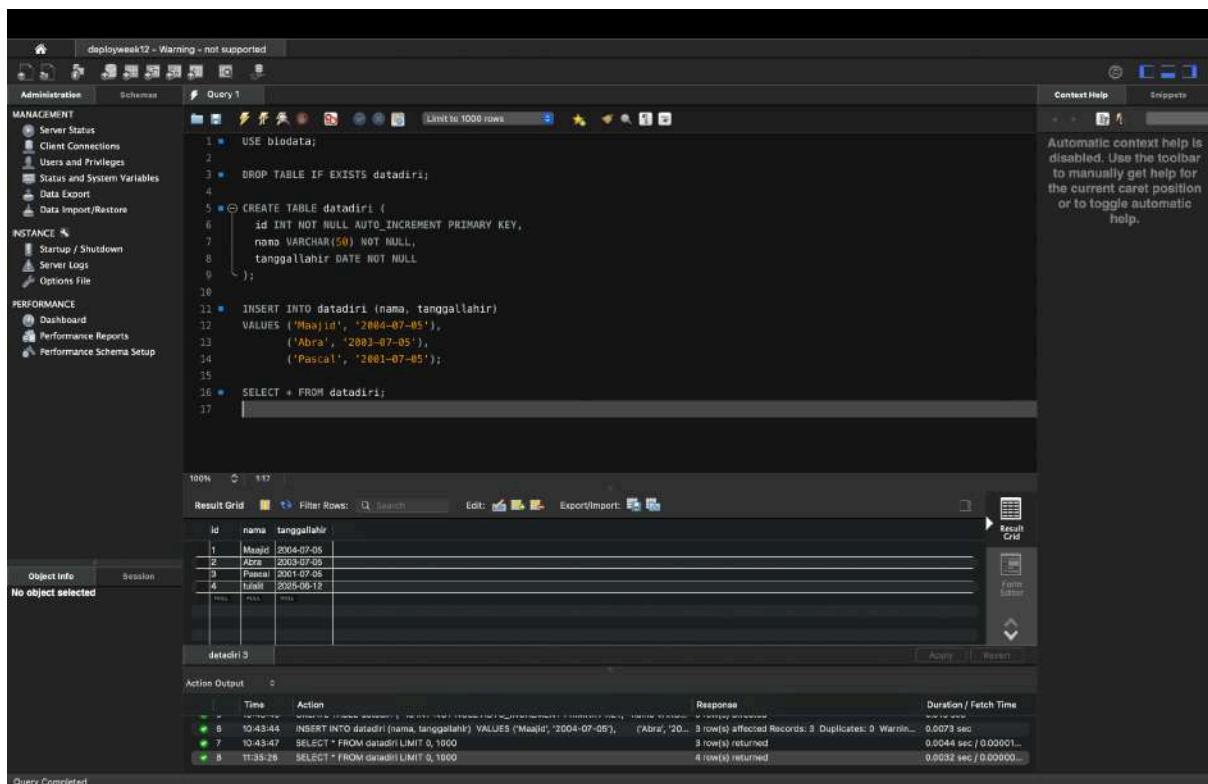
Abdullah Maajid - 20220410157

disclaimer: saya pakai vscode untuk IDE dan MySqlWorkBench untuk database dikarenakan netbeans versi mac tidak bisa connect ke Docker karena port tcp hanya tersedia di Windows.

- perintah terminal untuk menjalankan docker



- membuat database, menggunakan dan membuat tabel, serta menginputkan 3 data awal



tampilan VSCODE

The screenshot shows the Visual Studio Code interface. The Explorer sidebar on the left lists project files: BiodataController.java, application.properties, Biodata.java, BiodataRepository.java, BiodataService.java, biodata-form.html, biodata-list.html, pom.xml, and a .mvn folder. The main editor area displays the Biodata.java code:

```
1 package com.example.deploy2.models;
2
3 import jakarta.persistence.*;
4 import java.time.LocalDate;
5
6 @Entity
7 @Table(name = "datadiri")
8 public class Biodata {
9     @Id
10     @GeneratedValue(strategy = GenerationType.IDENTITY)
11     private Integer id;
12
13     private String nama;
14
15     private LocalDate tanggallahir;
16
17     // Getters and Setters
18     public Integer getId() {
19         return id;
20     }
21
22     public void setId(Integer id) {
23         this.id = id;
24     }
25
26     public String getNama() {
27         return nama;
28     }
29
30     public void setNama(String nama) {
31         this.nama = nama;
32     }
33
34     public LocalDate getTanggallahir() {
35         return tanggallahir;
36     }
37 }
```

The terminal at the bottom shows Spring boot initialization logs:

```
2023-06-05T11:23:19,265+07:00 [INFO] 8466 --- [main] ConditionEvaluationDeltaLoggingListener : Condition evaluation unchanged
2023-06-05T11:23:29,339+07:00 [INFO] 8466 --- [main] ConditionEvaluationDeltaLoggingListener : Condition evaluation unchanged
2023-06-05T11:23:29,341+07:00 [INFO] 8466 --- [main] o.s.web.servlet.DispatcherServlet : Initializing Spring DispatcherServlet 'dispatcherServlet'
2023-06-05T11:23:29,341+07:00 [INFO] 8466 --- [main] o.s.web.servlet.DispatcherServlet : Completed initialization in 3 ms
Hibernate: select bl_0_.id,bl_0_.nama,bl_0_.tanggallahir from datadiri bl_0
Hibernate: select bl_0_.id,bl_0_.nama,bl_0_.tanggallahir from datadiri bl_0
Hibernate: insert into datadiri (nama,tanggallahir) values (?,?)
Hibernate: select bl_0_.id,bl_0_.nama,bl_0_.tanggallahir from datadiri bl_0
```

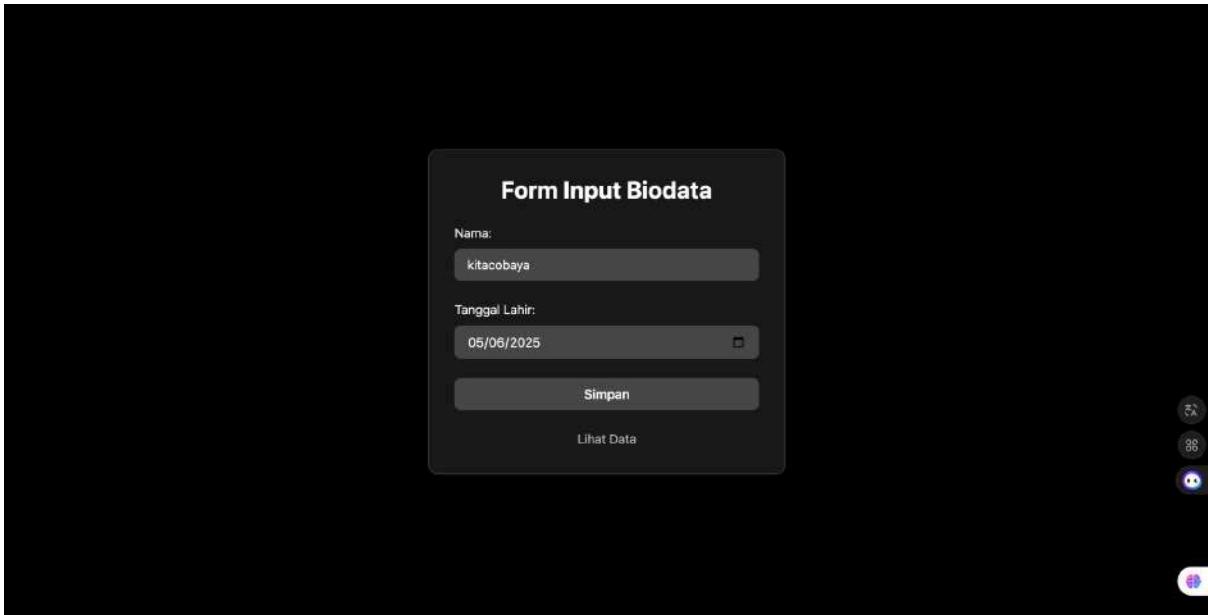
- sebelum input data baru

The screenshot shows a web browser displaying a table titled "Daftar Biodata". The table contains four rows of data:

ID	Nama	Tanggal Lahir
1	Maajid	2004-07-05
2	Abra	2003-07-05
3	Pascal	2001-07-05
4	tulait	2025-06-12

A button labeled "Input Biodata Baru" is visible above the table.

- form input



- sesudah input

ID	Nama	Tanggal Lahir
1	Maajid	2004-07-05
2	Abra	2003-07-05
3	Pascal	2001-07-05
4	tulalit	2025-06-12
5	kitacobaya	2025-06-05

- database setelah diinput

The screenshot shows the MySQL Workbench interface. On the left, the navigation pane includes sections for Administration, Management, Performance, and Instance. The main area contains a query editor with the following SQL code:

```

USE blddata;
DROP TABLE IF EXISTS datadir;
CREATE TABLE datadir (
    id INT NOT NULL AUTO_INCREMENT PRIMARY KEY,
    nama VARCHAR(50) NOT NULL,
    tanggallahir DATE NOT NULL
);
INSERT INTO datadir (nama, tanggallahir)
VALUES ('Masjid', '2004-07-05'),
       ('Abra', '2003-07-05'),
       ('Pascal', '2001-07-05');
SELECT * FROM datadir;

```

Below the query editor is a Result Grid displaying the data from the 'datadir' table:

	id	nama	tanggallahir
1	1	Masjid	2004-07-05
2	2	Abra	2003-07-05
3	3	Pascal	2001-07-05
4	4	Tuhit	2025-06-12
5	5	Miacobaya	2025-08-05

The Action Output panel at the bottom shows the execution history:

Action	Time	Response	Duration / Fetch Time
SELECT * FROM datadir LIMIT 0,1000	7 10:43:47	3 row(s) returned	0.0044 sec / 0.0001...
SELECT * FROM datadir LIMIT 0,1000	8 11:38:26	4 row(s) returned	0.0032 sec / 0.0000...
SELECT * FROM datadir LIMIT 0,1000	9 11:38:58	5 row(s) returned	0.0037 sec / 0.0001...

At the bottom left, it says "Query Completed".