

ACTIVITY PERTEMUAN 2

NAMA : Muhammad Tarmidzi Bariq

NPM : 51422161

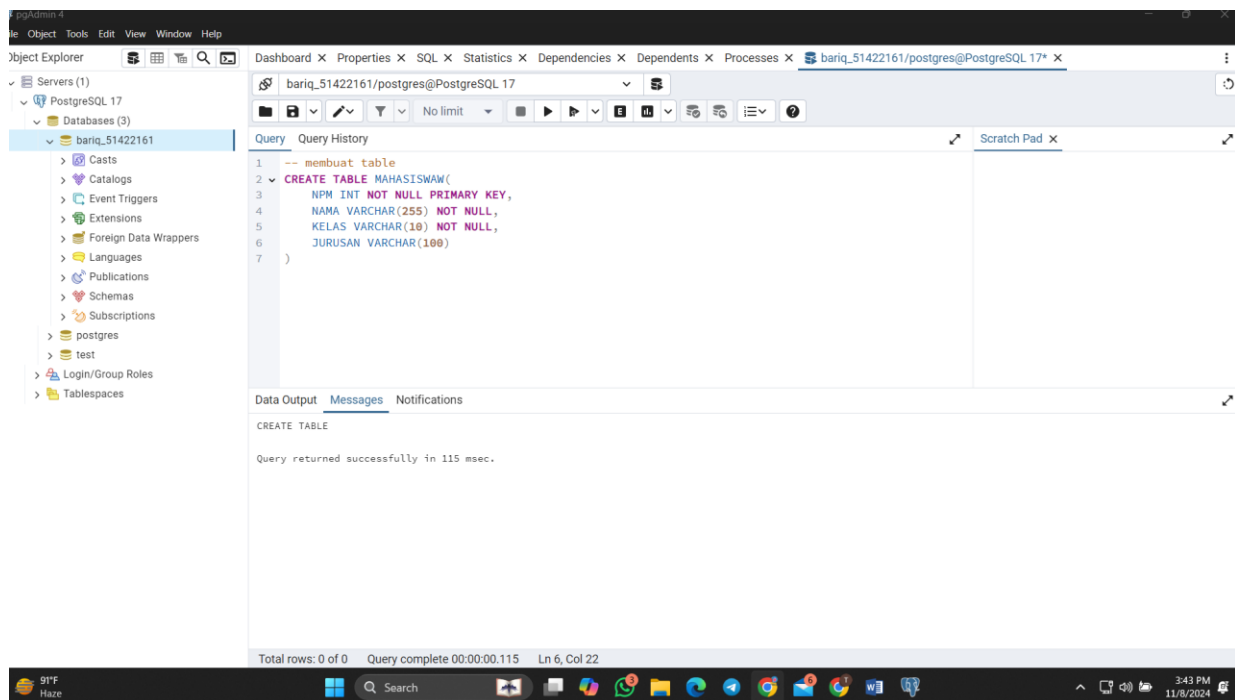
KELAS : 3IA11

MATERI : QUERY DASAR SQL

MATA PRAKTIKUM : SISTEM BASIS DATA 1

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

Berikan penjelasan Query- query yang terdapat pada video pembelajaran



pgAdmin 4

Object Tools Edit View Window Help

Object Explorer Servers (1) PostgreSQL 17 Databases (3) bariq_51422161 Casts Catalogs Event Triggers Extensions Foreign Data Wrappers Languages Publications Schemas Subscriptions postgres test Login/Group Roles Tablespaces

Dashboard Properties SQL Statistics Dependencies Dependents Processes bariq_51422161/postgres@PostgreSQL 17

Query Query History

```
1 -- membuat table
2 CREATE TABLE MAHASISWAW(
3     NPM INT NOT NULL PRIMARY KEY,
4     NAMA VARCHAR(255) NOT NULL,
5     KELAS VARCHAR(10) NOT NULL,
6     JURUSAN VARCHAR(100)
7 );
8
9 -- menampilkan tabel
10 SELECT * FROM MAHASISWAW;
11
12 -- MEMASUKKAN DATA KEDALAM TABLE
13 INSERT INTO MAHASISWAW VALUES
14 (51422161, 'BARIQ', '3IA11', 'INFORMATIKA');
```

Data Output Messages Notifications

INSERT 0 1

Query returned successfully in 136 msec.

pgAdmin 4

Object Tools Edit View Window Help

Object Explorer Servers (1) PostgreSQL 17 Databases (3) bariq_51422161 Casts Catalogs Event Triggers Extensions Foreign Data Wrappers Languages Publications Schemas Subscriptions postgres test Login/Group Roles Tablespaces

Dashboard Properties SQL Statistics Dependencies Dependents Processes bariq_51422161/postgres@PostgreSQL 17*

Query Query History Scratch Pad

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```

Data Output Messages Notifications

	npm [PK] integer	nama character varying (255)	kelas character varying (10)	jurusan character varying (100)
1	51422161	BARIQ	3IA11	INFORMATIKA

Total rows: 1 of 1 Query complete 00:00:00.161 Ln 10, Col 1

91°F Haze 3:46 PM 11/8/2024

PostgreSQL 17

Database Explorer

- Servers (1)
 - PostgreSQL 17
 - Databases (3)
 - bariq_51422161
 - Cast
 - Catalogs
 - Event Triggers
 - Extensions
 - Foreign Data Wrappers
 - Languages
 - Publications
 - Schemas
 - Subscriptions
 - postgres
 - test
 - Login/Group Roles
 - Tablespaces

Query Editor

Query

```

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8  -- menampilkan tabel
9  SELECT * FROM MAHASISWAW;
10
11 -- MEMASUKKAN DATA KEDALAM TABLE
12 INSERT INTO MAHASISWAW VALUES
13 (51422161, 'BARIQ', '3IA11', 'INFORMATIKA');
14
15 -- MENAMBAHKAN KOLOM ADDRESS
16 ALTER TABLE MAHASISWAW ADD ADDRESS VARCHAR(255);
17

```

Data Output

ALTER TABLE

Query returned successfully in 138 msec.

Total rows: 1 of 1 Query complete 00:00:00.138 Ln 17, Col 1

PostgreSQL 17

Database Explorer

- Servers (1)
 - PostgreSQL 17
 - Databases (3)
 - bariq_51422161
 - Cast
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Query Editor

Query

```

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15 -- MENAMBAHKAN KOLOM ADDRESS
16 ALTER TABLE MAHASISWAW ADD ADDRESS VARCHAR(255);
17

```

Data Output

	npm	nama	kelas	jurusan	address
1	51422161	BARIQ	3IA11	INFORMATIKA	[null]

Auto-detected PostgreSQL 17 installation with the data directory at C:\Program Files\PostgreSQL\17\data

10, Col 1

91°F
Haze

3:48 PM
11/8/2022

91°F
Haze