Nama   **: Muhammad Agung Febriyanto**

NPM   **: 2021 4350 2349**

Kelas   **: R45**

Mata Kuliah   **: Praktikum Sistem Basis Data (Pertemuan 7)**

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Microsoft Windows [Version 10.0.22621.1555]
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C:\Users\NurAgung>cd\

C:\>cd xampp\mysql\bin

C:\xampp\mysql\bin>mysql -u root
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 22
Server version: 10.4.27-MariaDB mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> create database Agung_P7_2349;
Query OK, 1 row affected (0.001 sec)

MariaDB [(none)]> use Agung_p7_2349;
Database changed
MariaDB [Agung_p7_2349]> create table Siswa(
    -> NIS BIGINT(12) PRIMARY KEY NOT NULL,
    -> Nama_Siswa VARCHAR(30) NOT NULL,
    -> Alamat VARCHAR(30) NOT NULL,
    -> Telp_WaliMurid VARCHAR(15) NOT NULL);
ERROR 2013 (HY000): Lost connection to MySQL server during query
MariaDB [Agung_p7_2349]> create table Siswa(
    -> NIS BIGINT(12) PRIMARY KEY NOT NULL,
    -> Nama_Siswa VARCHAR(30) NOT NULL,
    -> Alamat VARCHAR(30) NOT NULL,
    -> Telp_WaliMurid VARCHAR(15) NOT NULL);
ERROR 2006 (HY000): MySQL server has gone away
No connection. Trying to reconnect...
Connection id:    8
Current database: Agung_p7_2349
ERROR 1050 (42S01): Table 'siswa' already exists
MariaDB [Agung_p7_2349]> SHOW TABLES;
+------------------------+
| Tables_in_agung_p7_2349 |
+------------------------+
| siswa                  |
+------------------------+
1 row in set (0.001 sec)

MariaDB [Agung_p7_2349]> DESC Siswa;
+----------------+-------------+------+-----+---------+-------+
| Field          | Type        | Null | Key | Default | Extra |
+----------------+-------------+------+-----+---------+-------+
| NIS            | bigint(12)  | NO   | PRI | NULL    |       |
| Nama_Siswa     | varchar(30) | NO   |     | NULL    |       |
| Alamat         | varchar(30) | NO   |     | NULL    |       |
| Telp_WaliMurid | varchar(15) | NO   |     | NULL    |       |
+----------------+-------------+------+-----+---------+-------+
4 rows in set (0.207 sec)

MariaDB [Agung_p7_2349]> INSERT INTO Siswa VALUES
    -> ('2003251','Budi','JAK-SEL','081202200111'),
    -> ('2003252','Nadia','JAK-BAR','088807779919'),
    -> ('2003253','Nanda','JAK-UT','087888009911'),
    -> ('2003254','Ratna','JAK-TIM','087733311222'),
    -> ('2003255','Ningsih','JAK-PUS','082222040099'),
    -> ('2003256','Bobi','JAK-SEL','085623232333');
Query OK, 6 rows affected (0.093 sec)
Records: 6  Duplicates: 0  Warnings: 0

MariaDB [Agung_p7_2349]> CREATE TABLE Mata_Pelajaran(
    -> Kd_Pelajaran VARCHAR(7) PRIMARY KEY NOT NULL,
    -> Nama Pelajaran VARCHAR(20) NOT NULL);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to u
se near 'VARCHAR(20) NOT NULL)' at line 3
MariaDB [Agung_p7_2349]> CREATE TABLE Mata_Pelajaran(
    -> Kd_Pelajaran VARCHAR(7) PRIMARY KEY NOT NULL,
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MariaDB [Agung_p7_2349]> CREATE TABLE Mata_Pelajaran(
    -> Kd_Pelajaran VARCHAR(7) PRIMARY KEY NOT NULL,
    -> Nama_Pelajaran VARCHAR(20) NOT NULL);
Query OK, 0 rows affected (0.398 sec)

MariaDB [Agung_p7_2349]> INSERT INTO Mata_Pelajaran VALUES
    -> ('KDP_023','Matematika'),
    -> ('KDP_033','Bahasa Indonesia'),
    -> ('KDP_030','Bahasa Inggris'),
    -> ('KDP_025','IPA Terpadu'),
    -> ('KDP_015','PKN');
Query OK, 5 rows affected (0.097 sec)
Records: 5  Duplicates: 0  Warnings: 0

MariaDB [Agung_p7_2349]> CREATE TABLE Nilai(
    -> NIS BIGINT(12) PRIMARY KEY NOT NULL,
    -> Kehadiran INT(3) NOT NULL,
    -> Nilai_UTS INT(3) NOT NULL,
    -> Nilai_UAS INT(3) NOT NULL);
Query OK, 0 rows affected (0.312 sec)

MariaDB [Agung_p7_2349]> INSERT INTO Nilai VALUES
    -> ('2003251','80','80','90'),
    '> ('2003252','60','60','90'),
    -> ('2003253','70','60','60'),
    '> ('2003254','80','90','70'),
    -> ('2003255','90','70','80'),
    '> ('2003256','70','60','80');
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to u
se near ''),
('2003252','60','60','90'),
('2003253','70','60','60'),
('2003254','80','90...' at line 2
MariaDB [Agung_p7_2349]> INSERT INTO Nilai VALUES
    -> ('2003251','80','80','90'),
    -> ('2003252','60','60','90'),
    -> ('2003253','70','60','60'),
    -> ('2003254','80','90','70'),
    -> ('2003255','90','70','80'),
    -> ('2003256','70','60','80');
Query OK, 6 rows affected (0.124 sec)
Records: 6  Duplicates: 0  Warnings: 0

MariaDB [Agung_p7_2349]> SELECT*FROM Siswa WHERE Alamat ='JAK-SEL';
+---------+------------+----------+----------------+
| NIS     | Nama_Siswa | Alamat   | Telp_WaliMurid |
+---------+------------+----------+----------------+
| 2003251 | Budi       | JAK-SEL  | 081202200111   |
| 2003256 | Bobi       | JAK-SEL  | 085623232333   |
+---------+------------+----------+----------------+
2 rows in set (0.001 sec)

MariaDB [Agung_p7_2349]> SELECT*FROM Mata_Pelajaran WHERE Kd_Pelajaran ='KDP_030';
+--------------+----------------+
| Kd_Pelajaran | Nama_Pelajaran |
+--------------+----------------+
| KDP_030      | Bahasa Inggris |
+--------------+----------------+
1 row in set (0.001 sec)

MariaDB [Agung_p7_2349]> SELECT*FROM Nilai WHERE Nilai_UTS ='60';
+---------+-----------+-----------+-----------+
| NIS     | Kehadiran | Nilai_UTS | Nilai_UAS |
+---------+-----------+-----------+-----------+
| 2003252 |        60 |        60 |        90 |
| 2003253 |        70 |        60 |        60 |
| 2003256 |        70 |        60 |        80 |
+---------+-----------+-----------+-----------+
3 rows in set (0.001 sec)
MariaDB [Agung_p7_2349]> SELECT*FROM Nilai WHERE Nilai_UAS >= ALL (SELECT Nilai_UAS FROM Nilai);
+---------+-----------+-----------+-----------+
| NIS     | Kehadiran | Nilai_UTS | Nilai_UAS |
+---------+-----------+-----------+-----------+
| 2003251 |        80 |        80 |        90 |
| 2003252 |        60 |        60 |        90 |
+---------+-----------+-----------+-----------+
2 rows in set (0.001 sec)

MariaDB [Agung_p7_2349]> SELECT*FROM Nilai;
+---------+-----------+-----------+-----------+
| NIS     | Kehadiran | Nilai_UTS | Nilai_UAS |
+---------+-----------+-----------+-----------+
| 2003251 |        80 |        80 |        90 |
| 2003252 |        60 |        60 |        90 |
| 2003253 |        70 |        60 |        60 |
| 2003254 |        80 |        90 |        70 |
| 2003255 |        90 |        70 |        80 |
| 2003256 |        70 |        60 |        80 |
+---------+-----------+-----------+-----------+
6 rows in set (0.001 sec)
```