

1.

```

MariaDB [akademik_db]> insert into mahasiswa (NRP,NAMA,JK,Email,Kota) values ('171111093','Fikriansyah Dava','L','fikria
nsyahd@gmail.com','Malang');
Query OK, 1 row affected (0.00 sec)

MariaDB [akademik_db]> select * from mahasiswa;
+-----+-----+-----+-----+-----+
| NRP   | NAMA      | JK   | Email                      | Kota   |
+-----+-----+-----+-----+-----+
| 101110211 | Eka Widya Sari | P   | eka.widya.sari@stiki.ac.id | Malang |
| 101110249 | Teguh H.S.    | L   | Teguh.hs@stiki.ac.id      | Blitar |
| 101110254 | Adrian       | L   | rian@stiki.ac.id          | Kediri |
| 102210055 | Chandna Eka   | L   | chandna.eka@stiki.ac.id    | Pasuruan |
| 111110393 | Hilman N.     | L   | hilman.nh@stiki.ac.id     | Malang |
| 171111093 | Fikriansyah Dava | L   | fikriansyahd@gmail.com     | Malang |
+-----+-----+-----+-----+-----+

```

2.

```

MariaDB [akademik_db]> insert into ambilkuliah (nilai,NRP,KODEMIK) values ('75','171111093','TI09KB41'),('80','171111093
','TI09KB44'),('85','171111093','TI09KB21');
Query OK, 3 rows affected (0.11 sec)
Records: 3 Duplicates: 0 Warnings: 0

```

75	171111093	TI09KB41
80	171111093	TI09KB44
85	171111093	TI09KB21

```

-----+-----+-----+
23 rows in set (0.00 sec)

```

3.

```

MariaDB [akademik_db]> update ambilkuliah set nilai='88' where NRP='101110211' and KODEMIK = 'TI13KB23';
Query OK, 1 row affected (0.12 sec)
Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [akademik_db]> Select * from ambilkuliah where NRP='101110211'and KODEMIK='TI13KB23';
+-----+-----+-----+
| nilai | NRP      | KODEMIK |
+-----+-----+-----+
| 88    | 101110211 | TI13KB23 |
+-----+-----+-----+
1 row in set (0.00 sec)

MariaDB [akademik_db]> Select * from ambilkuliah where NRP='101110211'and KODEMIK='TI09KB22';
+-----+-----+-----+
| nilai | NRP      | KODEMIK |
+-----+-----+-----+
| 70    | 101110211 | TI09KB22 |
+-----+-----+-----+
1 row in set (0.00 sec)

MariaDB [akademik_db]> update ambilkuliah set nilai='85' where NRP='101110211' and KODEMIK = 'TI09KB21';
Query OK, 1 row affected (0.08 sec)
Rows matched: 1 Changed: 1 Warnings: 0

MariaDB [akademik_db]> Select * from ambilkuliah where NRP='101110211'and KODEMIK='TI09KB21';
+-----+-----+-----+
| nilai | NRP      | KODEMIK |
+-----+-----+-----+
| 85    | 101110211 | TI09KB21 |
+-----+-----+-----+
1 row in set (0.00 sec)

```

4.

```
MariaDB [akademik_db]> select mahasiswa.NRP, mahasiswa.NAMA, avg(ambilkuliah.nilai) from mahasiswa, ambilkuliah where mahasiswa.NRP=ambilkuliah.NRP and mahasiswa.NRP=171111093;
+-----+-----+-----+
| NRP      | NAMA          | avg(ambilkuliah.nilai) |
+-----+-----+-----+
| 171111093 | Fikriansyah Dava | 80.0000                |
+-----+-----+-----+
1 row in set (0.00 sec)
```

5.

```
MariaDB [akademik_db]> select mahasiswa.NRP, mahasiswa.NAMA, ambilkuliah.KODEMIK, mata_kuliah.NAMAMK, ambilkuliah.nilai from mahasiswa, ambilkuliah, mata_kuliah where mahasiswa.NRP=ambilkuliah.NRP and mahasiswa.NRP= 171111093 and ambilkuliah.KODEMIK=mata_kuliah.KODEMIK;
+-----+-----+-----+-----+-----+
| NRP      | NAMA          | KODEMIK | NAMAMK          | nilai |
+-----+-----+-----+-----+-----+
| 171111093 | Fikriansyah Dava | TI09KB21 | BASIS DATA     | 85     |
| 171111093 | Fikriansyah Dava | TI09KB41 | Analisa Sistem Informasi | 75     |
| 171111093 | Fikriansyah Dava | TI09KB44 | Pemrograman Web | 80     |
+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

6.

```
MariaDB [akademik_db]> select mahasiswa.NRP, mahasiswa.NAMA, ambilkuliah.KODEMIK, mata_kuliah.NAMAMK from mahasiswa, ambilkuliah, mata_kuliah where mahasiswa.NRP=ambilkuliah.NRP and ambilkuliah.KODEMIK=mata_kuliah.KODEMIK and ambilkuliah.KODEMIK='TI09KB22';
+-----+-----+-----+-----+
| NRP      | NAMA          | KODEMIK | NAMAMK          |
+-----+-----+-----+-----+
| 101110211 | Eka Widya Sari | TI09KB22 | Praktikum Basis Data |
| 101110249 | Teguh H.S.     | TI09KB22 | Praktikum Basis Data |
| 101110254 | Adrian         | TI09KB22 | Praktikum Basis Data |
| 102210055 | Chandra Eka    | TI09KB22 | Praktikum Basis Data |
| 111110393 | Hilman N.      | TI09KB22 | Praktikum Basis Data |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

7.

```
MariaDB [akademik_db]> delete from ambilkuliah where NRP='171111093';
Query OK, 3 rows affected (0.13 sec)

MariaDB [akademik_db]> delete from mahasiswa where NRP='171111093';
Query OK, 1 row affected (0.12 sec)

MariaDB [akademik_db]>
```

8.

```
MariaDB [akademik_db]> insert into mahasiswa (NRP,NAMA,JK,Email,Kota) values ('171111001','Adrian','L','adrian@mhs.tiki.ac.id','Malang'),('171111002','Anisa','P','anisa@mhs.tiki.ac.id','Malang'),('171111003','Budi','L','budi@mhs.tiki.ac.id','Lamongan');
Query OK, 3 rows affected (0.10 sec)
Records: 3 Duplicates: 0 Warnings: 0

MariaDB [akademik_db]> select * from mahasiswa;
+-----+-----+-----+-----+-----+
| NRP      | NAMA          | JK | Email          | Kota   |
+-----+-----+-----+-----+-----+
| 101110211 | Eka Widya Sari | P   | eka.widya.sari@stiki.ac.id | Malang |
| 101110249 | Teguh H.S.     | L   | Teguh.hs@stiki.ac.id      | Blitar |
| 101110254 | Adrian         | L   | rian@stiki.ac.id          | Kediri |
| 102210055 | Chandra Eka    | L   | chandra.eka@stiki.ac.id    | Pasuruan |
| 111110393 | Hilman N.      | L   | hilman.nh@stiki.ac.id     | Malang |
| 171111001 | Adrian         | L   | adrian@mhs.tiki.ac.id     | Malang |
| 171111002 | Anisa          | P   | anisa@mhs.tiki.ac.id      | Malang |
| 171111003 | Budi           | L   | budi@mhs.tiki.ac.id       | Lamongan |
+-----+-----+-----+-----+-----+
8 rows in set (0.00 sec)

MariaDB [akademik_db]>
```

9. No. 9 dan 11

```
MariaDB [akademik_db]> create view asal as select * from mahasiswa where Kota='Malang';
Query OK, 0 rows affected (0.15 sec)

MariaDB [akademik_db]> select * from asal;
+-----+-----+-----+-----+-----+
| NRP      | NAMA      | JK | Email      | Kota  |
+-----+-----+-----+-----+-----+
| 101110211 | Eka Widya Sari | P | eka.widya.sari@stiki.ac.i | Malang |
| 111110393 | Hilman N.    | L | hilman_nh@stiki.ac.id    | Malang |
| 171111001 | Adrian      | L | adrian@mhs.tiki.ac.id    | Malang |
| 171111002 | Anisa       | P | anisa@mhs.tiki.ac.id     | Malang |
+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```

10. NO. 12

```
MariaDB [akademik_db]> drop view asal;
Query OK, 0 rows affected (0.00 sec)
```