

Nama : Aditya Dewanto Utama Eka Noviandar

Kelas :S4C

NPM : 201843500502

1. Menampilkan seluruh data Mahasiswa yang namanya mengandung huruf

```
MariaDB [tgs21]> select * from mahasiswa where NAMA like '%i%';
```

| Npm | Nama | alamat |
|------------|--------------|---------|
| 2010500225 | Quraish | bogor |
| 2010500239 | Prananingrun | bogor |
| 2011500331 | pipit | bekasi |
| 2011500193 | nurhayati | jakarta |
| 2009500690 | lilik | jakarta |
| 2009500579 | budi | depok |
| 2009500690 | lilik | jakarta |
| 2009500667 | pratiwi | jakarta |

```
8 rows in set (0.001 sec)
```

2. Memanggil alamat yang berada di Jakarta

```
MariaDB [tgs21]> select NAMA,ALAMAT from MAHASISWA where  
-> ALAMAT='jakarta';
```

| NAMA | ALAMAT |
|-----------|---------|
| nurhayati | jakarta |
| lilik | jakarta |
| lilik | jakarta |
| pratiwi | jakarta |

```
4 rows in set (0.398 sec)
```

3. Memanggil alamat yang berada di bogor dan bekasi

```
MariaDB [tgs21]> select * from MAHASISWA where  
-> ALAMAT='bogor' OR ALAMAT='bekasi';
```

| Npm | Nama | alamat |
|------------|--------------|--------|
| 2010500225 | Quraish | bogor |
| 2010500239 | Prananingrun | bogor |
| 2011500331 | pipit | bekasi |

```
3 rows in set (0.334 sec)
```

4. Menampilkan data , nama, dan

```
MariaDB [tgs21]> select * from MAHASISWA where Nama LIKE '____';
```

| Npm | Nama | alamat |
|------------|------|--------|
| 2009500579 | budi | depok |

```
1 row in set (0.001 sec)
```

5. Mysql>SELECT * FROM mahasiswa ORDER BY Nama ASC'p'

```
MariaDB [tgs21]> select NPM,NAMA from MAHASISWA where NAMA LIKE 'p%';
```

| NPM | NAMA |
|------------|--------------|
| 2010500239 | Prananingrun |
| 2011500331 | pipit |
| 2009500667 | pratiwi |

```
3 rows in set (0.001 sec)
```

6. Menampilkan seluruh record table A sampaiZ

```
MariaDB [tgs21]> select * from MAHASISWA order by NAMA asc;
```

| Npm | Nama | alamat |
|------------|--------------|---------|
| 2009500579 | budi | depok |
| 2009500690 | lilik | jakarta |
| 2009500690 | lilik | jakarta |
| 2011500193 | nurhayati | jakarta |
| 2011500331 | pipit | bekasi |
| 2010500239 | Prananingrun | bogor |
| 2009500667 | pratiwi | jakarta |
| 2010500225 | Quraish | bogor |

```
8 rows in set (0.077 sec)
```

7. Cara menginput nilai untuk field "Jenis" menjadi Elektronik bagi yang berkode01.

```
MariaDB [tgs21]> update TRANSAKSI set JENIS="Elektronik"where  
-> KODE="01";  
Query OK, 0 rows affected (0.259 sec)  
Rows matched: 0 Changed: 0 Warnings: 0
```

8. Cara menginput nilai untuk field "Jenis" menjadi Elektronik bagi yang

```
MariaDB [tgs21] > update TRANSAKSI set JENIS="Elektronik" where  
-> KODE="01";  
Query OK, 0 rows affected (0.259 sec)  
Rows matched: 0 Changed: 0 Warnings: 0
```

9. Cara menginput nilai untuk field "Jenis" menjadi Komputer bagi yang berkode02.

```
MariaDB [tgs21] > update TRANSAKSI set JENIS="Komputer" where  
-> KODE="02";  
Query OK, 0 rows affected (0.012 sec)  
Rows matched: 0 Changed: 0 Warnings: 0
```

10. Cara menginput nilai untuk field "Jenis" menjadi Game Station bagi yang berkode03.

```
MariaDB [tgs21] > update TRANSAKSI set JENIS="Game statio" where  
-> KODE="03";  
-> ;  
Query OK, 0 rows affected (0.001 sec)  
Rows matched: 0 Changed: 0 Warnings: 0
```

11. Menampil transaksi harga25000<35000

```
MariaDB [tugas21] > select * from TRANSAKSI where  
-> HARGA>=25000 and HARGA<=35000;  
+-----+-----+-----+-----+  
| KODE | JENIS      | HARGA | JUMLAH |  
+-----+-----+-----+-----+  
| 01   | Elektronik | 35000 | 5       |  
| 03   | Game station | 25000 | 2       |  
| 03   | Game station | 27500 | 3       |  
+-----+-----+-----+-----+  
3 rows in set (0.001 sec)
```

12. Menampilkan transaksi dari20000

```
MariaDB [tugas21] > select * from TRANSAKSI where HARGA<>20000;  
+-----+-----+-----+-----+  
| KODE | JENIS      | HARGA | JUMLAH |  
+-----+-----+-----+-----+  
| 01   | Elektronik | 35000 | 5       |  
| 03   | Game station | 25000 | 2       |  
| 03   | Game station | 27500 | 3       |  
+-----+-----+-----+-----+  
3 rows in set (0.002 sec)
```

13Menampilkan total harga

```
MariaDB [tugas21]> select sum(HARGA)total_harga from TRANSAKSI;
+-----+
| total_harga |
+-----+
|      107500 |
+-----+
1 row in set (0.002 sec)
```

14.Menampilkan jumlah transaksi

```
MariaDB [tugas21]> select count(*)total_JUMLAH from TRANSAKSI;
+-----+
| total_JUMLAH |
+-----+
|             4 |
+-----+
1 row in set (0.001 sec)
```

15Lanjut menampilkan transaksi rata -rata

```
MariaDB [tugas21]> select avg(HARGA)ratarata_HARGA from TRANSAKSI;
+-----+
| ratarata_HARGA |
+-----+
|    26875.0000 |
+-----+
1 row in set (0.001 sec)
```