

## 6.1

```
MariaDB [warung]> select kodebarang from barang;
```

kodebarang
KD001
KD002
KD003
KD004
KD005
KD006
KD007
KD008
KD009
KD010

```
10 rows in set (0.03 sec)
```

```
MariaDB [warung]> select kodebarang from barang where kodebarang='KD001';
```

kodebarang
KD001

```
1 row in set (0.04 sec)
```

```
MariaDB [warung]> select * from barang where kodebarang between 'KD002' and 'KD005';
```

kodebarang	namabarang	harga
KD002	Mintz Chewy Bag 125gr	3600
KD003	Mr.Potato 68gr	5400
KD004	Vita Pudding 100gr	2550
KD005	Top Kopi 28x25gr	13900

```
4 rows in set (0.04 sec)
```

```
MariaDB [warung]> SELECT namabarang from barang where namabarang like '%Chewy%';
```

namabarang
Mintz Chewy Bag 125gr

```
1 row in set (0.00 sec)
```

```
MariaDB [warung]> SELECT namabarang from barang where namabarang like '%Chewy';  
Empty set (0.00 sec)
```

```
MariaDB [warung]> SELECT namabarang from barang where namabarang like '%Chewy';  
Empty set (0.00 sec)
```

```
MariaDB [warung]> SELECT namabarang from barang where namabarang like 'Mintz%';
```

namabarang
Mintz Chewy Bag 125gr

```
1 row in set (0.00 sec)
```

```
MariaDB [warung]> SELECT namabarang from barang where namabarang like '%Mintz';  
Empty set (0.00 sec)
```

```
MariaDB [warung]> SELECT namabarang from barang where namabarang not like '%Mintz%';
```

namabarang
Tango Wafer 104gr
Mr.Potato 68gr
Vita Pudding 100gr
Top Kopi 28x25gr
Sari Wangi Green Tea 25x25 gr
Sari Bunga Madu 650ml
Nusantara madu Murni
Teh Pucuk Harum 480ml
Coolant Boto 350ml

```
9 rows in set (0.00 sec)
```

```
C:\WINDOWS\system32\cmd.exe - mysql -u root -p
MariaDB [warung]> select kodebarang from barang order by kodebarang;
+-----+
| kodebarang |
+-----+
| KD001      |
| KD002      |
| KD003      |
| KD004      |
| KD005      |
| KD006      |
| KD007      |
| KD008      |
| KD009      |
| KD010      |
+-----+
10 rows in set (0.00 sec)

MariaDB [warung]> select kodebarang from barang order by kodebarang desc;
+-----+
| kodebarang |
+-----+
| KD010      |
| KD009      |
| KD008      |
| KD007      |
| KD006      |
| KD005      |
| KD004      |
| KD003      |
| KD002      |
| KD001      |
+-----+
```

```
C:\WINDOWS\system32\cmd.exe - mysql -u root -p
MariaDB [warung]> select kodebarang from barang order by kodebarang desc;
+-----+
| kodebarang |
+-----+
| KD010      |
| KD009      |
| KD008      |
| KD007      |
| KD006      |
| KD005      |
| KD004      |
| KD003      |
| KD002      |
| KD001      |
+-----+
10 rows in set (0.00 sec)

MariaDB [warung]> select kodebarang from barang order by kodebarang asc;
+-----+
| kodebarang |
+-----+
| KD001      |
| KD002      |
| KD003      |
| KD004      |
| KD005      |
| KD006      |
| KD007      |
| KD008      |
| KD009      |
+-----+
```

```
C:\WINDOWS\system32\cmd.exe - mysql -u root -p
MariaDB [warung]> select kodebarang from barang order by kodebarang ;
+-----+
| kodebarang |
+-----+
| KD001      |
| KD002      |
| KD003      |
| KD004      |
| KD005      |
| KD006      |
| KD007      |
| KD008      |
| KD009      |
| KD010      |
+-----+
10 rows in set (0.00 sec)

MariaDB [warung]> select * from barang group by kodebarang;
+-----+-----+-----+
| kodebarang | namabarang | harga |
+-----+-----+-----+
| KD001      | Tango Wafer 104gr | 5200  |
| KD002      | Mintz Chewy Bag 125gr | 3600  |
| KD003      | Mr.Potato 60gr | 5400  |
| KD004      | Vita Pudding 100gr | 2550  |
| KD005      | Top Kopi 20x25gr | 13900 |
| KD006      | Sari Wangi Green Tea 25x25 gr | 5000  |
| KD007      | Sari Bunga Madu 650ml | 50000 |
| KD008      | Nusantara madu Murni | 63000 |
| KD009      | Teh Pucuk Harum 400ml | 3250  |
+-----+-----+-----+
```

```
C:\WINDOWS\system32\cmd.exe - mysql -u root -p
MariaDB [warung]> select distinct namabarang from barang;
+-----+
| namabarang |
+-----+
| Tango Wafer 104gr |
| Mintz Chewy Bag 125gr |
| Mr.Potato 60gr |
| Vita Pudding 100gr |
| Top Kopi 20x25gr |
| Sari Wangi Green Tea 25x25 gr |
| Sari Bunga Madu 650ml |
| Nusantara madu Murni |
| Teh Pucuk Harum 400ml |
| Coolant Boto 350ml |
+-----+
10 rows in set (0.00 sec)

MariaDB [warung]> select sum harga from barang;
ERROR 1054 (42S22): Unknown column 'sum' in 'field list'
MariaDB [warung]> select SUM harga from barang;
ERROR 1054 (42S22): Unknown column 'SUM' in 'field list'
MariaDB [warung]> select sum(harga) from barang;
+-----+
| sum(harga) |
+-----+
| 157000     |
+-----+
1 row in set (0.05 sec)

MariaDB [warung]> select avg(harga) from barang;
```

## Tugas 6.2

1. Menampilkan semua field dari sebuah table

```
C:\MPCDOW\Mydew32\mdeaw - myod -> reset g
A row in set (0.02 sec)

MariaDB [warung]> desc barang;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| kodebarang | varchar(10) | NO | PRI | NULL | |
| namabarang | varchar(50) | NO | | NULL | |
| harga | varchar(20) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
A row in set (0.12 sec)

MariaDB [warung]> desc detailbeli;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| kodebeli | varchar(10) | NO | PRI | NULL | |
| kodebarang | varchar(15) | NO | PRI | NULL | |
| harga | int(11) | NO | | NULL | |
| jumlah | int(11) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
A row in set (0.18 sec)

MariaDB [warung]> desc karyawan;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| kodekaryawan | varchar(10) | NO | PRI | NULL | |
| nama | varchar(15) | NO | | NULL | |
| golongan | int(11) | NO | | NULL | |
| jk | char(1) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
A row in set (0.07 sec)

MariaDB [warung]> desc pembelian;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| kodebeli | varchar(10) | NO | PRI | NULL | |
| tanggal | date | NO | PRI | NULL | |
| kodekaryawan | varchar(10) | NO | PRI | NULL | |
+-----+-----+-----+-----+-----+-----+
A row in set (0.13 sec)
```

2. Merubah nama field tanpa ketika ditampilkan tanpa merubah nama field pada database

```
C:\MINGW64\mysql> mysql -u root -p
mysql> use warungkop1;
mysql> show tables;
+-----+
| Tables_in_warungkop1 |
+-----+
| pembelian            |
| pelanggan            |
| pesanan              |
+-----+
1 rows in set (0.00 sec)

mysql> var1ade [warungkop1]: select cafe as cafee from pembelian;
ERROR 1146 (42S02): Table 'warungkop1.pembelian' doesn't exist
mysql> var1ade [warungkop1]: desc cafe;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| ldcfe | int(11) | NO | PRI | NULL |
| nmcacfe | varchar(25) | NO | | NULL |
| telp | int(11) | NO | | NULL |
+-----+
1 rows in set (0.14 sec)

mysql> var1ade [warungkop1]: select telp as telpon from cafe;
+-----+
| telpon |
+-----+
| 07031888 |
| 070491020 |
| 07054234 |
| 07066420 |
| 07066666 |
| 07066670 |
| 07066666 |
| 07066674 |
| 0707179 |
| 07066648 |
| 07066643 |
| 07066643 |
| 07066643 |
| 07066643 |
| 07066643 |
| 07066643 |
+-----+
11 rows in set (0.04 sec)

mysql> var1ade [warungkop1]:
```