

# **TUGAS**

## **BASIS DATA 1**

Diajukan Untuk Memenuhi Salah Satu Tugas Mata Kuliah Basis Data 1



### **Dosen Pengampu**

Syfriah Fachri Pane ST., MTI

### **Disusun Oleh**

Nur Ikhsani Suwandy Putri

1194029

**PROGRAM DIPLOMA IV TEKNIK INFORMATIKA**

**POLITEKNIK POS INDONESIA**

**BANDUNG**

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## Membuka mysql pada laptop

```
Command Prompt - mysql -u root
Microsoft Windows [Version 10.0.18362.900]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\User>cd xampp
The system cannot find the path specified.

C:\Users\User>cd \

C:\>cd xampp

C:\xampp>cd mysql

C:\xampp\mysql>cd bin

C:\xampp\mysql\bin>mysqld.exe
2020-07-09 19:08:11 0 [Note] mysqld.exe (mysqld 10.4.13-MariaDB) starting as process 876 ...

C:\xampp\mysql\bin>mysql -u root
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 8
Server version: 10.4.13-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)]>
```

## Membuat table dari database

```
Command Prompt - mysql -u root -p

-> faktur_id char (20),
-> brg_id char(20),
-> qty int,
-> disc float,
-> discrip int,
-> harga int
-> );
Query OK, 0 rows affected (0.327 sec)

MariaDB [jual_beli_barang]> create table barang(
-> brg_id char (20),
-> jenis_id char (50),
-> nm_brg char (100),
-> merk_brg char (100),
-> type_brg char (20),
-> qty int,
-> qty_level int,
-> hatga int,
-> primary key (brg_id)
-> );
Query OK, 0 rows affected (0.248 sec)

MariaDB [jual_beli_barang]> create table jenis(
-> jenis_id int,
-> jenis_brg char (100)
-> );
Query OK, 0 rows affected (0.240 sec)

MariaDB [jual_beli_barang]>
```

```
Command Prompt - mysql -u root -p

-> faktur_id char (20),
-> brg_id char (20),
-> qty int,
-> disc float (10),
-> discrip int,
-> harga int
-> );
Query OK, 0 rows affected (0.346 sec)

MariaDB [jual_beli_barang]> create table retur_penjualan(
-> faktur_id char (20),
-> brg_id char (20),
-> qty int,
-> disc float,
-> discrip int,
-> harga int
-> );
Query OK, 0 rows affected (0.274 sec)

MariaDB [jual_beli_barang]> create table faktur_beli(
-> faktur_id varchar (200),
-> tgl date,
-> sup_id varchar(20),
-> nb text,
-> disc int,
-> debit int,
-> kredit int,
-> tempo date,
-> tgl_byr date,
-> retur int
-> );
```

```
Command Prompt - mysql -u root -p

-> tgl date,
-> sup_id varchar(20),
-> nb text,
-> disc int,
-> debit int,
-> kredit int,
-> tempo date,
-> tgl_byr date,
-> retur int,
-> primary key (faktur_id)
-> );
Query OK, 0 rows affected (0.245 sec)

MariaDB [jual_beli_barang]> create table mutasi(
-> faktur_id char (20),
-> brg_id char (20),
-> qty int
-> );
Query OK, 0 rows affected (0.327 sec)

MariaDB [jual_beli_barang]> create table pembelian(
-> faktur_id char (20),
-> brg_id char(20),
-> qty int,
-> disc float,
-> discrip int,
-> harga int
-> );
Query OK, 0 rows affected (0.327 sec)
```

```
Command Prompt - mysql -u root -p
-> faktur_id varchar (200),
-> kon_id varchar (20),
-> tgl date,
-> nb text,
-> disc int,
-> retur int,
-> primary key (faktur_id)
-> );
Query OK, 0 rows affected (0.395 sec)

MariaDB [jual_beli_barang]> create table supplier(
-> ID char (20),
-> nama char (200),
-> alamat char (200),
-> kota char (200),
-> primary key (ID)
-> );
Query OK, 0 rows affected (0.393 sec)

MariaDB [jual_beli_barang]> create table penjualan(
-> faktur_id char (20),
-> brg_id char (20),
-> qty int,
-> disc float (10),
-> discrip int,
-> harga int
-> );
Query OK, 0 rows affected (0.346 sec)

MariaDB [jual_beli_barang]>
```

```
Command Prompt - mysql -u root -p
-> kredit int,
-> tempo date,
-> sales_id varchar (10),
-> tgl_byr date,
-> retur int,
-> primary key (faktur_id)
-> );
Query OK, 0 rows affected (0.545 sec)

MariaDB [jual_beli_barang]> create table faktur_retur(
-> faktur_id varchar (200),
-> kon_id varchar (20),
-> tgl date,
-> nb text,
-> disc int,
-> retur int,
-> primary key (faktur_id)
-> );
Query OK, 0 rows affected (0.395 sec)

MariaDB [jual_beli_barang]> create table supplier(
-> ID char (20),
-> nama char (200),
-> alamat char (200),
-> kota char (200),
-> primary key (ID)
-> );
Query OK, 0 rows affected (0.393 sec)

MariaDB [jual_beli_barang]>
```

```
Command Prompt - mysql -u root -p
-> );
Query OK, 0 rows affected (0.355 sec)

MariaDB [jual_beli_barang]> create table faktur(
-> faktur_id varchar (200),
-> tgl date,
-> kon_id varchar (20),
-> nb text,
-> disc int,
-> kredit int,
-> tempo date,
-> sales_id varchar (10),
-> tgl_byr date,
-> retur int,
-> primary key (faktur_id)
-> );
Query OK, 0 rows affected (0.545 sec)

MariaDB [jual_beli_barang]> create table faktur_retur(
-> faktur_id varchar (200),
-> kon_id varchar (20),
-> tgl date,
-> nb text,
-> disc int,
-> retur int,
-> primary key (faktur_id)
-> );
Query OK, 0 rows affected (0.395 sec)

MariaDB [jual_beli_barang]>
```

```
Command Prompt - mysql -u root -p
rrsponds to your MariaDB server version for the right syntax to use near 'key (fa
ktur_id)
)' at line 7
MariaDB [jual_beli_barang]> create table faktur_mutasi(
-> faktur_id varchar (20),
-> tgl date,
-> nb text,
-> debit int,
-> kon_id char(50),
-> primary key (faktur_id)
-> );
Query OK, 0 rows affected (0.355 sec)

MariaDB [jual_beli_barang]> create table faktur(
-> faktur_id varchar (200),
-> tgl date,
-> kon_id varchar (20),
-> nb text,
-> disc int,
-> kredit int,
-> tempo date,
-> sales_id varchar (10),
-> tgl_byr date,
-> retur int,
-> primary key (faktur_id)
-> );
Query OK, 0 rows affected (0.545 sec)

MariaDB [jual_beli_barang]>
```

```
Command Prompt - mysql -u root -p

-> nama char (100),
-> alamat char (200),
-> kota char (100),
-> npwp varchar (200),
-> );
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that co
rresponds to your MariaDB server version for the right syntax to use near ')' at l
ine 7
MariaDB [jual_beli_barang]> create table konsumen(
-> ID char (50),
-> nama char (100),
-> alamat char (200),
-> kota char (100),
-> npwp varchar (200),
-> primary key (ID),
-> );
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that co
rresponds to your MariaDB server version for the right syntax to use near ')' at l
ine 8
MariaDB [jual_beli_barang]> create table konsumen(
-> ID char (50),
-> nama char (100),
-> alamat char (200),
-> kota char (100),
-> npwp varchar (200),
-> primary key (ID)
-> );
Query OK, 0 rows affected (0.495 sec)

MariaDB [jual_beli_barang]>
```

```
Command Prompt - mysql -u root -p

-> nama char (100),
-> alamat char (200),
-> kota char (100),
-> npwp varchar (200),
-> );
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that co
rresponds to your MariaDB server version for the right syntax to use near ')' at l
ine 7
MariaDB [jual_beli_barang]> create table konsumen(
-> ID char (50),
-> nama char (100),
-> alamat char (200),
-> kota char (100),
-> npwp varchar (200),
-> primary key (ID),
-> );
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that co
rresponds to your MariaDB server version for the right syntax to use near ')' at l
ine 8
MariaDB [jual_beli_barang]> create table konsumen(
-> ID char (50),
-> nama char (100),
-> alamat char (200),
-> kota char (100),
-> npwp varchar (200),
-> primary key (ID)
-> );
Query OK, 0 rows affected (0.495 sec)

MariaDB [jual_beli_barang]>
```

```
Command Prompt - mysql -u root -p
-> alamat int
-> primary key (sales_id)
-> );
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that co
rresponds to your MariaDB server version for the right syntax to use near 'varchar
(20)
alamat int
primary key (sales_id)
)' at line 3
MariaDB [jual_beli_barang]> create table sales(
-> sales_id varchar (10)
-> nama varchar (200)
-> alamat int
-> primary key (sales_id)
-> );
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that co
rresponds to your MariaDB server version for the right syntax to use near 'varchar
(200)
alamat int
primary key (sales_id)
)' at line 3
MariaDB [jual_beli_barang]> create table sales(
-> sales_id varchar (10),
-> nama varchar (200),
-> alamat int ,
-> primary key (sales_id)
-> );
Query OK, 0 rows affected (0.386 sec)
MariaDB [jual_beli_barang]>
```

Membuat relasi dengan alter dengan update foreign key pada tabel a dengan primary key di table b

```
Command Prompt - mysql -u root -p

+-----+
| jenis_brg | char(100) | YES | | NULL | | |
+-----+
2 rows in set (0.112 sec)

MariaDB [jual_beli_barang]> ALTER TABLE barang ADD FOREIGN KEY (jenis_id) REFERENCES jenis(jenis_id);
Query OK, 0 rows affected (1.258 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE penjualan ADD FOREIGN KEY (brg_id) REFERENCES barang(brg_id);
Query OK, 0 rows affected (1.498 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE retur_penjualan ADD FOREIGN KEY (brg_id) REFERENCES barang(brg_id);
Query OK, 0 rows affected (1.535 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE mutasi ADD FOREIGN KEY (brg_id) REFERENCES barang(brg_id);
Query OK, 0 rows affected (1.318 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE mutasi ADD FOREIGN KEY (faktur_id) REFERENCES faktur_mutasi(faktur_id);
Query OK, 0 rows affected (1.042 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]>

Command Prompt - mysql -u root -p

MariaDB [jual_beli_barang]> desc jenis;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| jenis_id | int(11) | NO | PRI | NULL | |
| jenis_brg | char(100) | YES | | NULL | |
+-----+
2 rows in set (0.112 sec)

MariaDB [jual_beli_barang]> ALTER TABLE barang ADD FOREIGN KEY (jenis_id) REFERENCES jenis(jenis_id);
Query OK, 0 rows affected (1.258 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE penjualan ADD FOREIGN KEY (brg_id) REFERENCES barang(brg_id);
Query OK, 0 rows affected (1.498 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE retur_penjualan ADD FOREIGN KEY (brg_id) REFERENCES barang(brg_id);
Query OK, 0 rows affected (1.535 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE mutasi ADD FOREIGN KEY (brg_id) REFERENCES barang(brg_id);
Query OK, 0 rows affected (1.318 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]>
```



```

Command Prompt - mysql -u root -p
exit' at line 2
MariaDB [jual_beli_barang]> ALTER TABLE jenis ADD PRIMARY KEY(jenis_id);
Query OK, 0 rows affected (1.431 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> desc jenis;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| jenis_id | int(11) | NO | PRI | NULL | |
| jenis_brg | char(100) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.112 sec)

MariaDB [jual_beli_barang]> ALTER TABLE barang ADD FOREIGN KEY (jenis_id) REFERENC
ES jenis(jenis_id);
Query OK, 0 rows affected (1.258 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE penjualan ADD FOREIGN KEY (brg_id) REFEREN
CES barang(brg_id);
Query OK, 0 rows affected (1.498 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE retur_penjualan ADD FOREIGN KEY (brg_id) R
EFERENCES barang(brg_id);
Query OK, 0 rows affected (1.535 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]>

```

```

Command Prompt - mysql -u root -p
responds to your MariaDB server version for the right syntax to use near '0

exit' at line 2
MariaDB [jual_beli_barang]> ALTER TABLE jenis ADD PRIMARY KEY(jenis_id);
Query OK, 0 rows affected (1.431 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> desc jenis;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| jenis_id | int(11) | NO | PRI | NULL | |
| jenis_brg | char(100) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.112 sec)

MariaDB [jual_beli_barang]> ALTER TABLE barang ADD FOREIGN KEY (jenis_id) REFERENC
ES jenis(jenis_id);
Query OK, 0 rows affected (1.258 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE penjualan ADD FOREIGN KEY (brg_id) REFEREN
CES barang(brg_id);
Query OK, 0 rows affected (1.498 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]>

```

```

Command Prompt - mysql -u root -p

->
->
->
-> exit;
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 use near 'exit' at line 2

MariaDB [jual_beli_barang]> ALTER TABLE jenis ADD PRIMARY KEY(jenis_id);
Query OK, 0 rows affected (1.431 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> desc jenis;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| jenis_id | int(11) | NO | PRI | NULL | |
| jenis_brg | char(100) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.112 sec)

MariaDB [jual_beli_barang]> ALTER TABLE barang ADD FOREIGN KEY (jenis_id) REFERENCES jenis(jenis_id);
Query OK, 0 rows affected (1.258 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]>

```

```

Command Prompt - mysql -u root -p

REFERENCES konsumen(ID);
Query OK, 0 rows affected (1.044 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE faktur_mutasi ADD FOREIGN KEY (kon_id) REFERENCES konsumen(ID);
Query OK, 0 rows affected (0.882 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE penjualan ADD FOREIGN KEY (faktur_id) REFERENCES faktur(faktur_id);
Query OK, 0 rows affected (0.787 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE retur_penjualan ADD FOREIGN KEY (faktur_id) REFERENCES faktur_retur(faktur_id);
Query OK, 0 rows affected (1.483 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE faktur_beli ADD FOREIGN KEY (sup_id) REFERENCES supplier(ID);
Query OK, 0 rows affected (1.100 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE pembelian ADD FOREIGN KEY (faktur_id) REFERENCES faktur_beli(faktur_id);
Query OK, 0 rows affected (1.286 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]>

```

```

Command Prompt - mysql -u root -p
ES sales(sales_id);
Query OK, 0 rows affected (1.666 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE faktur_retur ADD FOREIGN KEY (kon_id) REFERENCE
REFERENCES konsumen(ID);
Query OK, 0 rows affected (1.044 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE faktur_mutasi ADD FOREIGN KEY (kon_id) REFERENCE
REFERENCES konsumen(ID);
Query OK, 0 rows affected (0.882 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE penjualan ADD FOREIGN KEY (faktur_id) REFERENCE
REFERENCES faktur(faktur_id);
Query OK, 0 rows affected (0.787 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE retur_penjualan ADD FOREIGN KEY (faktur_id)
REFERENCES faktur_retur(faktur_id);
Query OK, 0 rows affected (1.483 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE faktur_beli ADD FOREIGN KEY (sup_id) REFERENCE
REFERENCES supplier(ID);
Query OK, 0 rows affected (1.100 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]>

```

```

Command Prompt - mysql -u root -p
| retur | int(11) | YES | NULL |
+-----+-----+-----+-----+
10 rows in set (0.066 sec)

MariaDB [jual_beli_barang]> ALTER TABLE faktur ADD FOREIGN KEY (sales_id) REFERENCE
REFERENCES sales(sales_id);
Query OK, 0 rows affected (1.666 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE faktur_retur ADD FOREIGN KEY (kon_id) REFERENCE
REFERENCES konsumen(ID);
Query OK, 0 rows affected (1.044 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE faktur_mutasi ADD FOREIGN KEY (kon_id) REFERENCE
REFERENCES konsumen(ID);
Query OK, 0 rows affected (0.882 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE penjualan ADD FOREIGN KEY (faktur_id) REFERENCE
REFERENCES faktur(faktur_id);
Query OK, 0 rows affected (0.787 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE retur_penjualan ADD FOREIGN KEY (faktur_id)
REFERENCES faktur_retur(faktur_id);
Query OK, 0 rows affected (1.483 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]>

```

```

Command Prompt - mysql -u root -p

+-----+
| faktur_id | varchar(200) | NO | PRI | NULL |
| tgl       | date        | YES |     | NULL |
| kon_id    | varchar(20) | YES | MUL | NULL |
| nb        | text        | YES |     | NULL |
| disc      | int(11)     | YES |     | NULL |
| kredit    | int(11)     | YES |     | NULL |
| tempo     | date        | YES |     | NULL |
| sales_id  | varchar(10) | YES |     | NULL |
| tgl_byr   | date        | YES |     | NULL |
| retur     | int(11)     | YES |     | NULL |
+-----+
10 rows in set (0.066 sec)

MariaDB [jual_beli_barang]> ALTER TABLE faktur ADD FOREIGN KEY (sales_id) REFERENC
ES sales(sales_id);
Query OK, 0 rows affected (1.666 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE faktur_retur ADD FOREIGN KEY (kon_id) REFE
RENCES konsumen(ID);
Query OK, 0 rows affected (1.044 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE faktur_mutasi ADD FOREIGN KEY (kon_id) REF
ERENCES konsumen(ID);
Query OK, 0 rows affected (0.882 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]>

```

```

Command Prompt - mysql -u root -p

Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> desc faktur;
+-----+
| Field      | Type        | Null | Key | Default | Extra |
+-----+
| faktur_id  | varchar(200) | NO   | PRI | NULL    |
| tgl        | date        | YES  |     | NULL    |
| kon_id     | varchar(20) | YES  | MUL | NULL    |
| nb         | text        | YES  |     | NULL    |
| disc       | int(11)     | YES  |     | NULL    |
| kredit     | int(11)     | YES  |     | NULL    |
| tempo      | date        | YES  |     | NULL    |
| sales_id   | varchar(10) | YES  |     | NULL    |
| tgl_byr    | date        | YES  |     | NULL    |
| retur      | int(11)     | YES  |     | NULL    |
+-----+
10 rows in set (0.066 sec)

MariaDB [jual_beli_barang]> ALTER TABLE faktur ADD FOREIGN KEY (sales_id) REFERENC
ES sales(sales_id);
Query OK, 0 rows affected (1.666 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> ALTER TABLE faktur_retur ADD FOREIGN KEY (kon_id) REFE
RENCES konsumen(ID);
Query OK, 0 rows affected (1.044 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]>

```

```

Command Prompt - mysql -u root -p
10 rows in set (0.445 sec)

MariaDB [jual_beli_barang]> ALTER TABLE faktur ADD FOREIGN KEY (kon_id) REFERENCES
konsumen(ID);
Query OK, 0 rows affected (1.278 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> desc faktur;
+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| faktur_id | varchar(200) | NO | PRI | NULL | |
| tgl | date | YES | | NULL | |
| kon_id | varchar(20) | YES | MUL | NULL | |
| nb | text | YES | | NULL | |
| disc | int(11) | YES | | NULL | |
| kredit | int(11) | YES | | NULL | |
| tempo | date | YES | | NULL | |
| sales_id | varchar(10) | YES | | NULL | |
| tgl_byr | date | YES | | NULL | |
| retur | int(11) | YES | | NULL | |
+-----+-----+-----+-----+-----+
10 rows in set (0.066 sec)

MariaDB [jual_beli_barang]> ALTER TABLE faktur ADD FOREIGN KEY (sales_id) REFERENC
ES sales(sales_id);
Query OK, 0 rows affected (1.666 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]>
Command Prompt - mysql -u root -p
+-----+-----+-----+-----+-----+
| tempo | date | YES | | NULL | |
| sales_id | varchar(10) | YES | | NULL | |
| tgl_byr | date | YES | | NULL | |
| retur | int(11) | YES | | NULL | |
+-----+-----+-----+-----+-----+
10 rows in set (0.445 sec)

MariaDB [jual_beli_barang]> ALTER TABLE faktur ADD FOREIGN KEY (kon_id) REFERENCES
konsumen(ID);
Query OK, 0 rows affected (1.278 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [jual_beli_barang]> desc faktur;
+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| faktur_id | varchar(200) | NO | PRI | NULL | |
| tgl | date | YES | | NULL | |
| kon_id | varchar(20) | YES | MUL | NULL | |
| nb | text | YES | | NULL | |
| disc | int(11) | YES | | NULL | |
| kredit | int(11) | YES | | NULL | |
| tempo | date | YES | | NULL | |
| sales_id | varchar(10) | YES | | NULL | |
| tgl_byr | date | YES | | NULL | |
| retur | int(11) | YES | | NULL | |
+-----+-----+-----+-----+-----+
10 rows in set (0.066 sec)

MariaDB [jual_beli_barang]>

```

## Hasil relasi

