

LAPORAN
PRAKTIKUM CREATE REPLICATIN USER ON MASTER
PADA MYSQL/MARIADB



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2024/2025

1. Login pada mysql

```
XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3306 -p

Setting environment for using XAMPP for Windows.
218-PC824@DESKTOP-Q81NKFU d:\xampp
# mysql -u root -h 127.0.0.1 -P 3306 -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 10
Server version: 10.4.32-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)]>
MariaDB [(none)]> create user 'repamal'@'%' identified by '00998877';
Query OK, 0 rows affected (0.027 sec)

MariaDB [(none)]> grant replication slave on *.* to 'repamal'@'%';
Query OK, 0 rows affected (0.028 sec)

MariaDB [(none)]> show master status;
Empty set (0.000 sec)

MariaDB [(none)]> flush privileges;
Query OK, 0 rows affected (0.001 sec)

MariaDB [(none)]> show master status;
Empty set (0.000 sec)

MariaDB [(none)]>
MariaDB [(none)]> show master status;
ERROR 2006 (HY000): MySQL server has gone away
No connection. Trying to reconnect...
Connection id: 9
Current database: *** NONE ***

+-----+-----+-----+-----+
| File | Position | Binlog_Do_DB | Binlog_Ignore_DB |
+-----+-----+-----+-----+
| mysql-bin.000001 | 328 | | |
+-----+-----+-----+-----+
1 row in set (0.002 sec)

MariaDB [(none)]>
```

2. Membuat replica user untuk pengguna 3

```
XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3306 -p

Setting environment for using XAMPP for Windows.
218-PC824@DESKTOP-Q81NKFU d:\xampp
# mysql -u root -h 127.0.0.1 -P 3306 -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 10
Server version: 10.4.32-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)]>
MariaDB [(none)]> create user 'repamal'@'%' identified by '00998877';
Query OK, 0 rows affected (0.027 sec)

MariaDB [(none)]> grant replication slave on *.* to 'repamal'@'%';
Query OK, 0 rows affected (0.028 sec)

MariaDB [(none)]> show master status;
Empty set (0.000 sec)

MariaDB [(none)]> flush privileges;
Query OK, 0 rows affected (0.001 sec)

MariaDB [(none)]> show master status;
Empty set (0.000 sec)

MariaDB [(none)]>
MariaDB [(none)]> show master status;
ERROR 2006 (HY000): MySQL server has gone away
No connection. Trying to reconnect...
Connection id: 9
Current database: *** NONE ***

+-----+-----+-----+-----+
| File | Position | Binlog_Do_DB | Binlog_Ignore_DB |
+-----+-----+-----+-----+
| mysql-bin.000001 | 328 | | |
+-----+-----+-----+-----+
1 row in set (0.002 sec)

MariaDB [(none)]>
```

3. Grant replica slave privilege

```
XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3306 -p

Setting environment for using XAMPP for Windows.
218-PC024@DESKTOP-Q81NKFU d:\xampp
# mysql -u root -h 127.0.0.1 -P 3306 -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 10
Server version: 10.4.32-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)]>
MariaDB [(none)]> create user 'repamal'@'%' identified by '00998877';
Query OK, 0 rows affected (0.027 sec)

MariaDB [(none)]> grant replication slave on *.* to 'repamal'@'%';
Query OK, 0 rows affected (0.028 sec)

MariaDB [(none)]> show master status;
Empty set (0.000 sec)

MariaDB [(none)]> flush privileges;
Query OK, 0 rows affected (0.001 sec)

MariaDB [(none)]> show master status;
Empty set (0.000 sec)

MariaDB [(none)]>
MariaDB [(none)]> show master status;
ERROR 2006 (HY000): MySQL server has gone away
No connection. Trying to reconnect...
Connection id: 9
Current database: *** NONE ***

+-----+-----+-----+-----+
| File | Position | Binlog_Do_DB | Binlog_Ignore_DB |
+-----+-----+-----+-----+
| mysql-bin.000001 | 328 | | |
+-----+-----+-----+-----+
1 row in set (0.002 sec)

MariaDB [(none)]>
```

4. Show master status

```
XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3306 -p

Setting environment for using XAMPP for Windows.
218-PC024@DESKTOP-Q81NKFU d:\xampp
# mysql -u root -h 127.0.0.1 -P 3306 -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 10
Server version: 10.4.32-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)]>
MariaDB [(none)]> create user 'repamal'@'%' identified by '00998877';
Query OK, 0 rows affected (0.027 sec)

MariaDB [(none)]> grant replication slave on *.* to 'repamal'@'%';
Query OK, 0 rows affected (0.028 sec)

MariaDB [(none)]> show master status;
Empty set (0.000 sec)

MariaDB [(none)]> flush privileges;
Query OK, 0 rows affected (0.001 sec)

MariaDB [(none)]> show master status;
Empty set (0.000 sec)

MariaDB [(none)]>
MariaDB [(none)]> show master status;
ERROR 2006 (HY000): MySQL server has gone away
No connection. Trying to reconnect...
Connection id: 9
Current database: *** NONE ***

+-----+-----+-----+-----+
| File | Position | Binlog_Do_DB | Binlog_Ignore_DB |
+-----+-----+-----+-----+
| mysql-bin.000001 | 328 | | |
+-----+-----+-----+-----+
1 row in set (0.002 sec)

MariaDB [(none)]>
```

5. Ipconfig 10.252.1.104

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.19045.5011]
(c) Microsoft Corporation. All rights reserved.

C:\Users\218-PC024>ip config

'ip' is not recognized as an internal or external command,
operable program or batch file.

C:\Users\218-PC024>ipconfig

Windows IP Configuration

Ethernet adapter Ethernet:

    Connection-specific DNS Suffix  . : 
    Link-local IPv6 Address . . . . . : fe80::58d7:6de4:efa3:9649%2
    IPv4 Address. . . . . : 10.252.1.104
    Subnet Mask . . . . . : 255.255.254.0
    Default Gateway . . . . . : 10.252.0.1

C:\Users\218-PC024>
```

6. Membuat database dan menggunakan database

```
XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3306 -p

1 row in set (0.000 sec)

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

MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| db_cafeshop |
| db_penjualan |
| db_bachmad |
| db_pegawai |
| information_schema |
| mysql |
| performance_schema |
| phpmyadmin |
| tbl_pegawai |
| test |
+-----+
10 rows in set (0.024 sec)

MariaDB [(none)]> create table supplier (
  -> id_supplier INT,
  -> nama_supplier VARCHAR 100;
ERROR 1046 (3D000): No database selected
MariaDB [(none)]> create table supplier (
  -> id_supplier INT,
  -> nama_supplier VARCHAR 100,
  -> alamat VARCHAR 100,
  -> no_hp INT,
  -> primary key (id_supplier);
ERROR 1046 (3D000): No database selected
MariaDB [(none)]> use db_cafeshop;
Database changed
MariaDB [db_cafeshop]> create table supplier (
  -> id_supplier INT,
  -> id_supplier INT,
  -> ;
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 ';' at line 3
MariaDB [db_cafeshop]> create table supplier (
  -> id_supplier INT,
  -> nama_supplier VARCHAR 100,
  -> alamat VARCHAR 100,
  -> no_hp INT,
  -> primary key (id_supplier)
  -> ;
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 '100,
no_hp INT,
primary key (id_supplier)'
```

7. Membuat User pengembang dan akses grant all privileges

```
XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3306 -p
MariaDB [db_cafeshop]> create table user (
  -> id karyawan INT,
  -> nama karyawan VARCHAR(45),
  -> jabatan VARCHAR(20),
  -> alamat VARCHAR(100),
  -> ttl date,
  -> no_hp INT,
  -> primary key (id_karyawan)
  -> );
Query OK, 0 rows affected (0.157 sec)

MariaDB [db_cafeshop]> Bye

218-PC024@DESKTOP-08INKFU d:\xampp
# mysql -u root -h 127.0.0.1 -P 3306 -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 11
Server version: 10.4.32-MariaDB-log 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 user 'pengdhea'@'%' identified by '12345';
Query OK, 0 rows affected (0.028 sec)

MariaDB [(none)]> grant all privileges on db_cafeshop.* to user 'pengdhea'@'%';
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 'privileges on db_cafeshop.* to user 'pe
ngdhea'@'%' at line 1
MariaDB [(none)]> grant all privileges on db_cafeshop.* to user 'pengdhea';
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 'privileges on db_cafeshop.* to user 'pe
ngdhea' at line 1
MariaDB [(none)]> grant all privileges on db_cafeshop.* to 'pengdhea'@'%';
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 'privileges on db_cafeshop.* to 'pengdhe
a'@'%' at line 1
MariaDB [(none)]> grant all privileges on db_cafeshop.* to 'pengdhea'@'%';
Query OK, 0 rows affected (0.032 sec)

MariaDB [(none)]>

XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3306 -p

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

MariaDB [(none)]> create user 'pengdhea'@'%' identified by '12345';
Query OK, 0 rows affected (0.028 sec)

MariaDB [(none)]> grant all privileges on db_cafeshop.* to user 'pengdhea'@'%';
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 'privileges on db_cafeshop.* to user 'pe
ngdhea'@'%' at line 1
MariaDB [(none)]> grant all privileges on db_cafeshop.* to user 'pengdhea';
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 'privileges on db_cafeshop.* to user 'pe
ngdhea' at line 1
MariaDB [(none)]> grant all privileges on db_cafeshop.* to 'pengdhea'@'%';
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 'privileges on db_cafeshop.* to 'pengdhe
a'@'%' at line 1
MariaDB [(none)]> grant all privileges on db_cafeshop.* to 'pengdhea'@'%';
Query OK, 0 rows affected (0.032 sec)

MariaDB [(none)]> show grants for pengdhea;
+-----+
| Grants for pengdhea@% |
+-----+
| GRANT USAGE ON *.* TO 'pengdhea'@'%' IDENTIFIED BY PASSWORD '**0BA51F3F48415C7D4E8908980D443C29C69B60C9' |
| GRANT ALL PRIVILEGES ON `db_cafeshop`.* TO 'pengdhea'@'%' |
+-----+
2 rows in set (0.000 sec)

MariaDB [(none)]>
```

8. Membuat table pada database

```
XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3306 -p
1 row in set (0.000 sec)

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

MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| db_cafeshop |
| db_penjualan |
| dbachmad |
| dbpegawai |
| information_schema |
| mysql |
| performance_schema |
| phpmyadmin |
| tbl_pegawai |
| test |
+-----+
10 rows in set (0.024 sec)

MariaDB [(none)]> create table supplier (
  -> id_supplier INT,
  -> nama_supplier VARCHAR 100;
ERROR 1046 (3D000): No database selected
MariaDB [(none)]> create table supplier (
  -> id_supplier INT,
  -> nama_supplier VARCHAR 100,
  -> alamat VARCHAR 100,
  -> no_hp INT,
  -> primary key (id_supplier);
ERROR 1046 (3D000): No database selected
MariaDB [(none)]> use db_cafeshop;
Database changed
MariaDB [db_cafeshop]> create table supplier (
  -> id_supplier INT,
  -> id_supplier INT,
  -> ;
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 '' at line 3
MariaDB [db_cafeshop]> create table supplier (
  -> id_supplier INT,
  -> nama_supplier VARCHAR 100,
  -> alamat VARCHAR 100,
  -> no_hp INT,
  -> primary key (id_supplier)
  -> );
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 '100,
alamat VARCHAR 100,
no_hp INT,
primary key (id_supplier)'
```

```
XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3306 -p
MariaDB [db_cafeshop]> create table user (
  -> id_karyawan INT,
  -> nama_karyawan VARCHAR(45),
  -> jabatan VARCHAR(20),
  -> alamat VARCHAR(100),
  -> TTL date,
  -> no_hp INT,
  -> primary key (id_karyawan)
  -> );
Query OK, 0 rows affected (0.157 sec)

MariaDB [db_cafeshop]> Bye

218-PC024@DESKTOP-Q8INKFU d:\samp
# mysql -u root -h 127.0.0.1 -P 3306 -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 11
Server version: 10.4.32-MariaDB-log 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 user 'pengdhea'@'%' identified by '12345';
Query OK, 0 rows affected (0.028 sec)

MariaDB [(none)]> grant all privileges on db_cafeshop.* to user 'pengdhea'@'%';
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 'privileges on db_cafeshop.* to user 'pe
ngdhea'@'%' at line 1
MariaDB [(none)]> grant all privileges on db_cafeshop.* to user 'pengdhea';
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 'privileges on db_cafeshop.* to user 'pe
ngdhea' at line 1
MariaDB [(none)]> grant all privileges on db_cafeshop.* to 'pengdhea'@'%';
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 'privileges on db_cafeshop.* to 'pengdhe
a'@'%' at line 1
MariaDB [(none)]> grant all privileges on db_cafeshop.* to 'pengdhea'@'%';
Query OK, 0 rows affected (0.032 sec)

MariaDB [(none)]>
```

```
XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3306 -p
mysql
+-----+
| performance_schema |
| phpmyadmin          |
| tbl_pegawai         |
| test                |
+-----+
10 rows in set (0.001 sec)

MariaDB [(none)]> use db_cafeshop;
Database changed
MariaDB [db_cafeshop]> show tables;
+-----+
| Tables_in_db_cafeshop |
+-----+
| antrian               |
| bahanbaku            |
| mengolah             |
| menu                 |
| pelanggan            |
| pesanan              |
| supplier              |
| transaksi             |
| user                  |
+-----+
9 rows in set (0.000 sec)

MariaDB [db_cafeshop]> s
```

9. Mengisi data pada table

```
XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3306 -p
Database changed
MariaDB [db_cafeshop]> show tables;
+-----+
| Tables_in_db_cafeshop |
+-----+
| antrian                |
| bahanbaku              |
| mengolah               |
| menu                   |
| pelanggan              |
| pesanan                |
| supplier                |
| transaksi               |
| user                    |
+-----+
9 rows in set (0.000 sec)

MariaDB [db_cafeshop]> insert into supplier(id_supplier, nama_supplier, alamat, no_hp) values
-> (23, 'Bimo Prawiranata', 'Jl.Panjaitan no.3 Ponorogo', '0992345678');
Query OK, 1 row affected (0.058 sec)

MariaDB [db_cafeshop]> desc table;
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 'table' at line 1
MariaDB [db_cafeshop]> desc table supplier;
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 'table supplier' at line 1
MariaDB [db_cafeshop]> desc supplier;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| id_supplier | int(11) | NO | PRI | NULL | |
| nama_supplier | varchar(45) | YES | | NULL | |
| alamat | varchar(100) | YES | | NULL | |
| no_hp | int(11) | YES | | NULL | |
+-----+
4 rows in set (0.016 sec)

MariaDB [db_cafeshop]> select * from supplier;
+-----+
| id_supplier | nama_supplier | alamat | no_hp |
+-----+
| 23 | Bimo Prawiranata | Jl.Panjaitan no.3 Ponorogo | 982345678 |
+-----+
1 row in set (0.000 sec)

MariaDB [db_cafeshop]> ^S_

XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3306 -p
-> );
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 ''
at line 4
MariaDB [db_cafeshop]> insert into user(id_karyawan, nama_karyawan, jabatan, alamat, TTL, no_hp) values
-> (2201, 'amalia', 'barista', 'Jl.Panjaitan no.20 Madiun', '2000-12-20', '089723456656'),
-> (2101, 'nanda', 'staf gudang', 'Jl.Ponorogo-Madiun', '2000-04-21', '089765456787'),
-> (2301, 'annisa', 'kasir', 'Jl.Salak no.25 Madiun', '2000-10-10', '087654346787');
Query OK, 4 rows affected, 4 warnings (0.002 sec)
Records: 4 Duplicates: 0 Warnings: 4

MariaDB [db_cafeshop]> select * from user;
+-----+
| id_karyawan | nama_karyawan | jabatan | alamat | TTL | no_hp |
+-----+
| 2001 | faris | pengelola cafe | Jl.Raden patah no.67 Madiun | 1995-12-12 | 2147483647 |
| 2101 | nanda | staf gudang | Jl.Ponorogo-Madiun | 2000-04-21 | 2147483647 |
| 2201 | amalia | barista | Jl.Panjaitan no.20 Madiun | 2000-12-20 | 2147483647 |
| 2301 | annisa | kasir | Jl.Salak no.25 Madiun | 2000-10-10 | 2147483647 |
+-----+
4 rows in set (0.000 sec)

MariaDB [db_cafeshop]> desc user;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| id_karyawan | int(11) | NO | PRI | NULL | |
| nama_karyawan | varchar(45) | YES | | NULL | |
| jabatan | varchar(20) | YES | | NULL | |
| alamat | varchar(100) | YES | | NULL | |
| TTL | date | YES | | NULL | |
| no_hp | int(11) | YES | | NULL | |
+-----+
6 rows in set (0.041 sec)

MariaDB [db_cafeshop]>
```



```
XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3306 -p

+-----+-----+-----+-----+-----+-----+
| 2001 | Fanis | pengelola cafe | Jl.Raden patah no.67 Madiun | 1995-12-12 | 2147483647 |
| 2101 | nanda | staf gudang | Jl.Ponorogo-Madiun | 2000-04-21 | 2147483647 |
| 2201 | amelia | barista | Jl.Panjaitan no.20 Madiun | 2000-12-20 | 2147483647 |
| 2301 | annisa | kasir | Jl.Salak no.25 Madiun | 2000-10-10 | 2147483647 |
+-----+-----+-----+-----+-----+
4 rows in set (0.000 sec)

MariaDB [db_cafeshop]> desc user;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_karyawan | int(11) | NO | PRI | NULL | |
| nama_karyawan | varchar(45) | YES | | NULL | |
| jabatan | varchar(20) | YES | | NULL | |
| alamat | varchar(100) | YES | | NULL | |
| TTL | date | YES | | NULL | |
| no_hp | int(11) | YES | | NULL | |
+-----+-----+-----+-----+-----+
6 rows in set (0.041 sec)

MariaDB [db_cafeshop]> desc bahanbaku;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_bahanbaku | int(11) | NO | PRI | NULL | |
| nama_bahan | varchar(45) | YES | | NULL | |
| satuan | varchar(10) | YES | | NULL | |
| harga_satuan | varchar(45) | YES | | NULL | |
| id_supplier | int(11) | YES | MUL | NULL | |
| id_karyawan | int(11) | YES | MUL | NULL | |
+-----+-----+-----+-----+-----+
6 rows in set (0.013 sec)

MariaDB [db_cafeshop]> insert into bahanbaku(id_bahanbaku, nama_bahan, satuan, harga_satuan, id_supplier, id_karyawan) values
-> (1001, 'telur', 'kg', '15000', '23', '2101'),
-> (1002, 'kopi', 'kg', '50000', '23', '2101'),
-> (1003, 'kentang', 'kg', '13000', '23', '2101');
Query OK, 3 rows affected (0.034 sec)
Records: 3 Duplicates: 0 Warnings: 0

MariaDB [db_cafeshop]> select * from bahanbaku;
+-----+-----+-----+-----+-----+-----+
| id_bahanbaku | nama_bahan | satuan | harga_satuan | id_supplier | id_karyawan |
+-----+-----+-----+-----+-----+-----+
| 1001 | telur | kg | 15000 | 23 | 2101 |
| 1002 | kopi | kg | 50000 | 23 | 2101 |
| 1003 | kentang | kg | 13000 | 23 | 2101 |
+-----+-----+-----+-----+-----+
3 rows in set (0.000 sec)

MariaDB [db_cafeshop]>

+-----+-----+-----+-----+-----+-----+
| 1001 | telur | kg | 15000 | 23 | 2101 |
| 1002 | kopi | kg | 50000 | 23 | 2101 |
| 1003 | kentang | kg | 13000 | 23 | 2101 |
+-----+-----+-----+-----+-----+
3 rows in set (0.000 sec)

MariaDB [db_cafeshop]> desc menu;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_menu | int(11) | NO | PRI | NULL | |
| nama_menu | varchar(45) | YES | | NULL | |
| harga_menu | varchar(45) | YES | | NULL | |
+-----+-----+-----+-----+-----+
3 rows in set (0.013 sec)

MariaDB [db_cafeshop]> insert into menu(id_menu, nama_menu, harga_menu) values
-> (0001, 'telur kribu', 'Rp. 10.000'),
-> (0002, 'creamy latte', 'Rp. 15.000'),
-> (0003, 'kentang goreng', 'Rp. 10.000');
Query OK, 3 rows affected (0.034 sec)
Records: 3 Duplicates: 0 Warnings: 0

MariaDB [db_cafeshop]> select * from menu;
+-----+-----+-----+
| id_menu | nama_menu | harga_menu |
+-----+-----+-----+
| 1 | telur kribu | Rp. 10.000 |
| 2 | creamy latte | Rp. 15.000 |
| 3 | kentang goreng | Rp. 10.000 |
+-----+-----+-----+
3 rows in set (0.000 sec)

MariaDB [db_cafeshop]>
```

```
XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3306 -p
3 rows in set (0.000 sec)

MariaDB [db_cafeshop]> desc pelanggan;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_pelanggan | int(11) | NO | PRI | NULL | |
| nama | varchar(45) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.018 sec)

MariaDB [db_cafeshop]> insert into pelanggan(id_pelanggan, nama) values
-> ();
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 '' at line 2
MariaDB [db_cafeshop]> desc mengolah;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| no_mengolah | int(11) | NO | PRI | NULL | |
| jumlah | int(11) | YES | | NULL | |
| satuan | varchar(10) | YES | | NULL | |
| id_bahanbaku | int(11) | YES | MUL | NULL | |
| id_menu | int(11) | YES | MUL | NULL | |
| id_karyawan | int(11) | YES | MUL | NULL | |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.011 sec)

MariaDB [db_cafeshop]> insert into mengolah(no_mengolah, jumlah, satuan, id_bahanbaku, id_menu, id_karyawan) values
-> (4001, '1', 'gram', '1001', '1', '2201'),
-> (4002, '4', 'ml', '1002', '2', '2201'),
-> (4003, '5', 'gram', '1003', '3', '2201');
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 '(no_mengolah, jumlah, satuan, id_bahanbaku, id_menu, id_karyawan) values
(400... at line 1
MariaDB [db_cafeshop]> insert into mengolah(no_mengolah, jumlah, satuan, id_bahanbaku, id_menu, id_karyawan) values
-> (4001, '1', 'gram', '1001', '1', '2201'),
-> (4002, '4', 'ml', '1002', '2', '2201'),
-> (4003, '5', 'gram', '1003', '3', '2201');
Query OK, 3 rows affected (0.441 sec)
Records: 3 Duplicates: 0 Warnings: 0

MariaDB [db_cafeshop]> select * from mengolah;
+-----+-----+-----+-----+-----+-----+
| no_mengolah | jumlah | satuan | id_bahanbaku | id_menu | id_karyawan |
+-----+-----+-----+-----+-----+-----+
| 4001 | 1 | gram | 1001 | 1 | 2201 |
| 4002 | 4 | ml | 1002 | 2 | 2201 |
| 4003 | 5 | gram | 1003 | 3 | 2201 |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.000 sec)

MariaDB [db_cafeshop]>
```

```
XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3306 -p
-> (4001, '1', 'gram', '1001', '1', '2201'),
-> (4002, '4', 'ml', '1002', '2', '2201'),
-> (4003, '5', 'gram', '1003', '3', '2201');
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 '(no_mengolah, jumlah, satuan, id_bahanbaku, id_menu, id_karyawan) values
(400... at line 1
MariaDB [db_cafeshop]> insert into mengolah(no_mengolah, jumlah, satuan, id_bahanbaku, id_menu, id_karyawan) values
-> (4001, '1', 'gram', '1001', '1', '2201'),
-> (4002, '4', 'ml', '1002', '2', '2201'),
-> (4003, '5', 'gram', '1003', '3', '2201');
Query OK, 3 rows affected (0.441 sec)
Records: 3 Duplicates: 0 Warnings: 0

MariaDB [db_cafeshop]> select * from mengolah;
+-----+-----+-----+-----+-----+-----+
| no_mengolah | jumlah | satuan | id_bahanbaku | id_menu | id_karyawan |
+-----+-----+-----+-----+-----+-----+
| 4001 | 1 | gram | 1001 | 1 | 2201 |
| 4002 | 4 | ml | 1002 | 2 | 2201 |
| 4003 | 5 | gram | 1003 | 3 | 2201 |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.000 sec)

MariaDB [db_cafeshop]> desc pelanggan;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_pelanggan | int(11) | NO | PRI | NULL | |
| nama | varchar(45) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.010 sec)

MariaDB [db_cafeshop]> insert into pelanggan(id_pelanggan, nama) values
-> (111, 'lia'),
-> (112, 'pram'),
-> (113, 'fira'),
-> (114, 'lia');
Query OK, 4 rows affected (0.040 sec)
Records: 4 Duplicates: 0 Warnings: 0

MariaDB [db_cafeshop]> select * from pelanggan;
+-----+-----+
| id_pelanggan | nama |
+-----+-----+
| 111 | lia |
| 112 | pram |
| 113 | fira |
| 114 | lia |
+-----+-----+
4 rows in set (0.000 sec)

MariaDB [db_cafeshop]> s
```

```
XAMPP for Windows - mysql -u root-h 127.0.0.1-P 3306-p
114 | lia |
+-----+
4 rows in set (0.000 sec)

MariaDB [db_cafeshop]> desc antrian;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| id_antrian | int(11) | NO | PRI | NULL | |
| tanggal_antrian | date | YES | | NULL | |
| no_antrian | int(11) | YES | | NULL | |
| id_pelanggan | int(11) | YES | MUL | NULL | |
+-----+
4 rows in set (0.013 sec)

MariaDB [db_cafeshop]> insert into antrian(id_antrian, tanggal_antrian, no_antrian, id_pelanggan) values
-> (130, '2024-01-12', '20', '111'),
-> (131, '2024-01-12', '21', '112'),
-> (132, '2024-01-13', '20', '120'),
-> ;
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 '' at line 4
MariaDB [db_cafeshop]> insert into antrian(id_antrian, tanggal_antrian, no_antrian, id_pelanggan) values
-> (130, '2024-01-12', '20', '111'),
-> (131, '2024-01-12', '21', '112'),
-> (132, '2024-01-13', '20', '120');
ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails ('db_cafeshop`.`antrian`, CONSTRAINT `antrian_ibfk_1` FOREIGN KEY (`id_pelanggan`) REFERENCES `pelanggan` (`id_pelanggan`))
MariaDB [db_cafeshop]> insert into antrian(id_antrian, tanggal_antrian, no_antrian, id_pelanggan) values
-> (130, '2024-01-12', '20', '111'),
-> (131, '2024-01-12', '21', '112'),
-> (132, '2024-01-13', '20', '114'),
-> ;
Query OK, 3 rows affected, 1 warning (0.038 sec)
Records: 3 Duplicates: 0 Warnings: 1

MariaDB [db_cafeshop]> select * from antrian;
+-----+
| id_antrian | tanggal_antrian | no_antrian | id_pelanggan |
+-----+
| 130 | 2024-01-12 | 20 | 111 |
| 131 | 2024-01-12 | 21 | 112 |
| 132 | 2024-01-13 | 20 | 114 |
+-----+
3 rows in set (0.000 sec)

MariaDB [db_cafeshop]>
```

```
XAMPP for Windows - mysql -u root-h 127.0.0.1-P 3306-p
-> (0124, '112', '2301', '2');
ERROR 1062 (23000): Duplicate entry '123' for key 'PRIMARY'
MariaDB [db_cafeshop]> insert into pesanan(id_pesanan, id_pelanggan, id_karyawan, id_menu) values
-> (0123, '111', '2301', '1'),
-> (0124, '112', '2301', '3'),
-> (0125, '113', '2301', '2');
Query OK, 3 rows affected (0.076 sec)
Records: 3 Duplicates: 0 Warnings: 0

MariaDB [db_cafeshop]> select * from pesanan;
+-----+
| id_pesanan | id_pelanggan | id_karyawan | id_menu |
+-----+
| 123 | 111 | 2301 | 1 |
| 124 | 112 | 2301 | 3 |
| 125 | 113 | 2301 | 2 |
+-----+
3 rows in set (0.000 sec)

MariaDB [db_cafeshop]> desc transaksi;
+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+
| id_transaksi | int(11) | NO | PRI | NULL | |
| jumlah | int(11) | YES | | NULL | |
| total_harga | varchar(45) | YES | | NULL | |
| tanggal | date | YES | | NULL | |
| id_pesanan | int(11) | YES | MUL | NULL | |
+-----+
5 rows in set (0.013 sec)

MariaDB [db_cafeshop]> insert into transaksi(id_transaksi, jumlah, total_harga, tanggal, id_pesanan) values
-> (145, '1', 'Rp. 20.000', '2024-01-12', '123'),
-> (146, '2', 'Rp. 30.000', '2024-01-12', '124'),
-> (147, '5', 'Rp. 100.000', '2024-01-13', '125');
Query OK, 3 rows affected (0.041 sec)
Records: 3 Duplicates: 0 Warnings: 0

MariaDB [db_cafeshop]> select * from transaksi;
+-----+
| id_transaksi | jumlah | total_harga | tanggal | id_pesanan |
+-----+
| 145 | 1 | Rp. 20.000 | 2024-01-12 | 123 |
| 146 | 2 | Rp. 30.000 | 2024-01-12 | 124 |
| 147 | 5 | Rp. 100.000 | 2024-01-13 | 125 |
+-----+
3 rows in set (0.000 sec)

MariaDB [db_cafeshop]>
```

```

XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3306 -p
MariaDB [db_cafeshop]> insert into antrian(id_antrian, tanggal_antrian, no_antrian, id_pelanggan) values
-> (130, '2024-01-12', '20', '111'),
-> (131, '2024-01-12', '21', '112'),
-> (132, '2024-01-13', '20', '114')
-> ;
Query OK, 3 rows affected, 1 warning (0.038 sec)
Records: 3 Duplicates: 0 Warnings: 1

MariaDB [db_cafeshop]> select * from antrian;
+-----+-----+-----+-----+
| id_antrian | tanggal_antrian | no_antrian | id_pelanggan |
+-----+-----+-----+-----+
| 130       | 2024-01-12      | 20        | 111          |
| 131       | 2024-01-12      | 21        | 112          |
| 132       | 2024-01-13      | 20        | 114          |
+-----+-----+-----+-----+
3 rows in set (0.000 sec)

MariaDB [db_cafeshop]> desc pesanan;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_pesanan | int(11) | NO | PRI | NULL | |
| id_pelanggan | int(11) | YES | MUL | NULL | |
| id_karyawan | int(11) | YES | MUL | NULL | |
| id_menu | int(11) | YES | MUL | NULL | |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.015 sec)

MariaDB [db_cafeshop]> insert into pesanan(id_pesanan, id_pelanggan, id_karyawan, id_menu) values
-> (0123, '111', '2301', '1'),
-> (0123, '111', '2301', '3'),
-> (0124, '112', '2301', '2');
ERROR 1062 (23000): Duplicate entry '123' for key 'PRIMARY'
MariaDB [db_cafeshop]> insert into pesanan(id_pesanan, id_pelanggan, id_karyawan, id_menu) values
-> (0123, '111', '2301', '1'),
-> (0124, '112', '2301', '3'),
-> (0125, '113', '2301', '2');
Query OK, 3 rows affected (0.070 sec)
Records: 3 Duplicates: 0 Warnings: 0

MariaDB [db_cafeshop]> select * from pesanan;
+-----+-----+-----+-----+
| id_pesanan | id_pelanggan | id_karyawan | id_menu |
+-----+-----+-----+-----+
| 123       | 111          | 2301        | 1        |
| 124       | 112          | 2301        | 3        |
| 125       | 113          | 2301        | 2        |
+-----+-----+-----+-----+
3 rows in set (0.000 sec)

```