

## Database Job Sheet Introduction MySQL and DDL



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## Practicum

1. Connect MySQL

```
→ zharsuke@box ~ sudo mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 32
Server version: 10.11.4-MariaDB-1 Debian 12

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

2. Create database

```
MariaDB [(none)]> create database db_polinema;
Query OK, 1 row affected (0.000 sec)

MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| Company_Database |
| college_assignment1 |
| db_polinema |
| information_schema |
| mid_exam |
| mysql |
| performance_schema |
| sys |
+-----+
8 rows in set (0.000 sec)

MariaDB [(none)]> use db_polinema;
Database changed
MariaDB [db_polinema]> █
```

3. Create table prodi

```
MariaDB [db_polinema]> create table prodi (kode_prodi char(6) primary key, nama_prodi char(30));
Query OK, 0 rows affected (0.011 sec)

MariaDB [db_polinema]> █
```

4. Create table mahasiswa

```
MariaDB [db_polinema]> create table mahasiswa (nim int(8) primary key, nama_mhs char(50), jenis_kelamin enum('L','P') default 'L', alamat varchar(50), kota varchar(20) default 'malang', asal_sma char(30), no_hp varchar(12), umur integer, kode_prodi char(6), foreign key fk0 (kode_prodi) references prodi(kode_prodi));
Query OK, 0 rows affected (0.077 sec)

MariaDB [db_polinema]> 
```

##### 5. Create table mata\_kuliah

```
MariaDB [db_polinema]> create table mata_kuliah (mk_id char(10) primary key, nama_mk char(50), jumlah_jam float(4,2), sks integer);
Query OK, 0 rows affected (0.036 sec)

MariaDB [db_polinema]> 
```

##### 6. Create table ruang

```
MariaDB [db_polinema]> create table ruang (ruang_id char(3) primary key, nama_ruang char(20), kapasitas integer);
Query OK, 0 rows affected (0.010 sec)

MariaDB [db_polinema]> 
```

##### 7. Create table dosen

```
MariaDB [db_polinema]> create table dosen (nidn integer(20) primary key, nama_dosen char(50), status enum('PNS','KONTRAK') default 'PNS', jenis_kelamin enum('L','P') default 'L', no_hp varchar(15));
Query OK, 0 rows affected (0.011 sec)

MariaDB [db_polinema]> 
```

##### 8. Add agama column at mahasiswa table

```

MariaDB [db_polinema]> show columns from mahasiswa;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| nim            | int(8)        | NO   | PRI | NULL    |       |
| nama_mhs       | char(50)      | YES  |     | NULL    |       |
| jenis_kelamin  | enum('L','P') | YES  |     | L        |       |
| alamat         | varchar(50)   | YES  |     | NULL    |       |
| kota           | varchar(20)   | YES  |     | malang   |       |
| asal_sma       | char(30)      | YES  |     | NULL    |       |
| no_hp          | varchar(12)   | YES  |     | NULL    |       |
| umur           | int(11)       | YES  |     | NULL    |       |
| kode_prodi     | char(6)       | YES  | MUL | NULL    |       |
+-----+-----+-----+-----+-----+-----+
9 rows in set (0.003 sec)

MariaDB [db_polinema]> alter table mahasiswa add agama varchar(10);
Query OK, 0 rows affected (0.014 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [db_polinema]> show columns from mahasiswa;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| nim            | int(8)        | NO   | PRI | NULL    |       |
| nama_mhs       | char(50)      | YES  |     | NULL    |       |
| jenis_kelamin  | enum('L','P') | YES  |     | L        |       |
| alamat         | varchar(50)   | YES  |     | NULL    |       |
| kota           | varchar(20)   | YES  |     | malang   |       |
| asal_sma       | char(30)      | YES  |     | NULL    |       |
| no_hp          | varchar(12)   | YES  |     | NULL    |       |
| umur           | int(11)       | YES  |     | NULL    |       |
| kode_prodi     | char(6)       | YES  | MUL | NULL    |       |
| agama          | varchar(10)   | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
10 rows in set (0.001 sec)

MariaDB [db_polinema]>

```

9. Add alamat column at dosen table.

```
MariaDB [db_polinema]> show columns from dosen;
```

Field	Type	Null	Key	Default	Extra
nidn	int(20)	NO	PRI	NULL	
nama_dosen	char(50)	YES		NULL	
status	enum('PNS','KONTRAK')	YES		PNS	
jenis_kelamin	enum('L','P')	YES		L	
no_hp	varchar(15)	YES		NULL	

**5 rows in set (0.003 sec)**

```
MariaDB [db_polinema]> alter table dosen add alamat varchar(50);
Query OK, 0 rows affected (0.032 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
MariaDB [db_polinema]> show columns from dosen;
```

Field	Type	Null	Key	Default	Extra
nidn	int(20)	NO	PRI	NULL	
nama_dosen	char(50)	YES		NULL	
status	enum('PNS','KONTRAK')	YES		PNS	
jenis_kelamin	enum('L','P')	YES		L	
no_hp	varchar(15)	YES		NULL	
alamat	varchar(50)	YES		NULL	

**6 rows in set (0.001 sec)**

```
MariaDB [db_polinema]>
```

## 10. Insert data dosen

```
MariaDB [db_polinema]> show columns from dosen;
```

Field	Type	Null	Key	Default	Extra
nidn	int(20)	NO	PRI	NULL	
nama_dosen	char(50)	YES		NULL	
status	enum('PNS','KONTRAK')	YES		PNS	
jenis_kelamin	enum('L','P')	YES		L	
no_hp	varchar(15)	YES		NULL	
alamat	varchar(50)	YES		NULL	

**6 rows in set (0.002 sec)**

```
MariaDB [db_polinema]> insert into dosen (nidn, nama_dosen, status, jenis_kelamin, no_hp, alamat) values (9138247, 'bagus', 'PNS', 'L', '0893485', 'JL. Sukarno hatta no.10');
Query OK, 1 row affected (0.002 sec)
```

```
MariaDB [db_polinema]> select * from dosen;
```

nidn	nama_dosen	status	jenis_kelamin	no_hp	alamat
9138247	bagus	PNS	L	0893485	JL. Sukarno hatta no.10

**1 row in set (0.000 sec)**

```
MariaDB [db_polinema]>
```

Insert data mahasiswa

```
MariaDB [db_polinema]> show columns from mahasiswa;
```

Field	Type	Null	Key	Default	Extra
nim	int(8)	NO	PRI	NULL	
nama_mhs	char(50)	YES		NULL	
jenis_kelamin	enum('L','P')	YES		L	
alamat	varchar(50)	YES		NULL	
kota	varchar(20)	YES		malang	
asal_sma	char(30)	YES		NULL	
no_hp	varchar(12)	YES		NULL	
umur	int(11)	YES		NULL	
kode_prodi	char(6)	YES	MUL	NULL	
agama	varchar(10)	YES		NULL	

10 rows in set (0.001 sec)

```
MariaDB [db_polinema]> insert into mahasiswa (nim, nama_mhs, jenis_kelamin, alamat, kota, asal_sma, no_hp, umur, kode_prodi, agama) values (2249238, 'azhar', 'L', 'JL. Candi Agung IV', 'malang', 'SMKN 4 Malang', '089543', 20, 'TI', 'Islam');
```

Query OK, 1 row affected (0.002 sec)

```
MariaDB [db_polinema]> select * from mahasiswa;
```

nim	nama_mhs	jenis_kelamin	alamat	kota	asal_sma	no_hp	umur	kode_prodi	agama
2249238	azhar	L	JL. Candi Agung IV	malang	SMKN 4 Malang	089543	20	TI	Islam

1 row in set (0.000 sec)

```
MariaDB [db_polinema]>
```

## Insert data mata\_kuliah

```
MariaDB [db_polinema]> show columns from mata_kuliah;
```

Field	Type	Null	Key	Default	Extra
mk_id	char(10)	NO	PRI	NULL	
nama_mk	char(50)	YES		NULL	
jumlah_jam	float(4,2)	YES		NULL	
sks	int(11)	YES		NULL	

4 rows in set (0.001 sec)

```
MariaDB [db_polinema]> insert into mata_kuliah (mk_id, nama_mk, jumlah_jam, sks) values ('DBA-01', 'Database Advance', 6, 6);
```

Query OK, 1 row affected (0.002 sec)

```
MariaDB [db_polinema]> select * from mata_kuliah;
```

mk_id	nama_mk	jumlah_jam	sks
DBA-01	Database Advance	6.00	6

1 row in set (0.000 sec)

```
MariaDB [db_polinema]>
```

## Insert data prodi

```
MariaDB [db_polinema]> show columns from prodi;
```

Field	Type	Null	Key	Default	Extra
kode_prodi	char(6)	NO	PRI	NULL	
nama_prodi	char(30)	YES		NULL	

2 rows in set (0.001 sec)

```
MariaDB [db_polinema]> insert into prodi (kode_prodi, nama_prodi) values ('TI', 'Teknik Informatika');
```

Query OK, 1 row affected (0.002 sec)

```
MariaDB [db_polinema]> select * from prodi;
```

kode_prodi	nama_prodi
TI	Teknik Informatika

1 row in set (0.000 sec)

```
MariaDB [db_polinema]>
```

## Insert data ruang

```

MariaDB [db_polinema]> show columns from ruang;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| ruang_id | char(3) | NO | PRI | NULL | |
| nama_ruang | char(20) | YES | | NULL | |
| kapasitas | int(11) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.001 sec)

MariaDB [db_polinema]> insert into ruang (ruang_id, nama_ruang, kapasitas) values ('01', 'LSI3', 30);
Query OK, 1 row affected (0.001 sec)

MariaDB [db_polinema]> select * from ruang;
+-----+-----+-----+
| ruang_id | nama_ruang | kapasitas |
+-----+-----+-----+
| 01 | LSI3 | 30 |
+-----+-----+-----+
1 row in set (0.000 sec)

MariaDB [db_polinema]>

```

11. Show table

```

MariaDB [db_polinema]> show tables;
+-----+
| Tables_in_db_polinema |
+-----+
| dosen |
| mahasiswa |
| mata_kuliah |
| prodi |
| ruang |
+-----+
5 rows in set (0.001 sec)

MariaDB [db_polinema]>

```

12. Show column mahasiswa

```
MariaDB [db_polinema]> show columns from mahasiswa;
```

Field	Type	Null	Key	Default	Extra
nim	int(8)	NO	PRI	NULL	
nama_mhs	char(50)	YES		NULL	
jenis_kelamin	enum('L','P')	YES		L	
alamat	varchar(50)	YES		NULL	
kota	varchar(20)	YES		malang	
asal_sma	char(30)	YES		NULL	
no_hp	varchar(12)	YES		NULL	
umur	int(11)	YES		NULL	
kode_prodi	char(6)	YES	MUL	NULL	
agama	varchar(10)	YES		NULL	

```
10 rows in set (0.001 sec)

MariaDB [db_polinema]>
```

13. Describe mahasiswa

```
MariaDB [db_polinema]> describe mahasiswa;
```

Field	Type	Null	Key	Default	Extra
nim	int(8)	NO	PRI	NULL	
nama_mhs	char(50)	YES		NULL	
jenis_kelamin	enum('L','P')	YES		L	
alamat	varchar(50)	YES		NULL	
kota	varchar(20)	YES		malang	
asal_sma	char(30)	YES		NULL	
no_hp	varchar(12)	YES		NULL	
umur	int(11)	YES		NULL	
kode_prodi	char(6)	YES	MUL	NULL	
agama	varchar(10)	YES		NULL	

```
10 rows in set (0.001 sec)

MariaDB [db_polinema]>
```

14. Drop column asal\_sma at mahasiswa table



```
MariaDB [db_polinema]> describe mahasiswa;
```

Field	Type	Null	Key	Default	Extra
nim	int(8)	NO	PRI	NULL	
nama_mhs	char(50)	YES		NULL	
jenis_kelamin	enum('L','P')	YES		L	
alamat	varchar(50)	YES		NULL	
kota	varchar(20)	YES		malang	
asal_sma	char(30)	YES		NULL	
no_hp	varchar(12)	YES		NULL	
umur	int(11)	YES		NULL	
kode_prodi	char(6)	YES	MUL	NULL	
agama	varchar(10)	YES		NULL	

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

```
MariaDB [db_polinema]> alter table mahasiswa drop column asal_sma;
```

```
Query OK, 0 rows affected (0.028 sec)
```

```
Records: 0 Duplicates: 0 Warnings: 0
```

```
MariaDB [db_polinema]> describe mahasiswa;
```

Field	Type	Null	Key	Default	Extra
nim	int(8)	NO	PRI	NULL	
nama_mhs	char(50)	YES		NULL	
jenis_kelamin	enum('L','P')	YES		L	
alamat	varchar(50)	YES		NULL	
kota	varchar(20)	YES		malang	
no_hp	varchar(12)	YES		NULL	
umur	int(11)	YES		NULL	
kode_prodi	char(6)	YES	MUL	NULL	
agama	varchar(10)	YES		NULL	

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

```
MariaDB [db_polinema]>
```

## Assignment

1. create database

```
MariaDB [db_polinema]> create database academic;  
Query OK, 1 row affected (0.001 sec)
```

```
MariaDB [db_polinema]> use academic;  
Database changed
```

Create table mahasiswa

```
MariaDB [academic]> create table mahasiswa (no_mhs int(8) primary key, nama_mhs char(50));  
Query OK, 0 rows affected (0.012 sec)
```

```
MariaDB [academic]> show columns from mahasiswa;
```

Field	Type	Null	Key	Default	Extra
no_mhs	int(8)	NO	PRI	NULL	
nama_mhs	char(50)	YES		NULL	

```
2 rows in set (0.000 sec)
```

```
MariaDB [academic]>
```

Create table mata\_kuliah

```
MariaDB [academic]> create table mata_kuliah (kd_mk char(10) primary key, nama_mk char(50));  
Query OK, 0 rows affected (0.012 sec)
```

```
MariaDB [academic]> show columns mata_kuliah;
```

```
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds  
mata_kuliah' at line 1
```

```
MariaDB [academic]> show columns from mata_kuliah;
```

Field	Type	Null	Key	Default	Extra
kd_mk	char(10)	NO	PRI	NULL	
nama_mk	char(50)	YES		NULL	

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

```
MariaDB [academic]>
```

Create table nilai

```
MariaDB [academic]> create table nilai (no_mhs int(8), kode_mk char(10), foreign key (no_mhs) references mahasiswa(no_mhs), foreign key (kode_mk) references  
mata_kuliah(kd_mk));  
Query OK, 0 rows affected (0.016 sec)
```

```
MariaDB [academic]> show columns from nilai;
```

Field	Type	Null	Key	Default	Extra
no_mhs	int(8)	YES	MUL	NULL	
kode_mk	char(10)	YES	MUL	NULL	

```
2 rows in set (0.003 sec)
```

```
MariaDB [academic]>
```

Add jurusan column at mahasiswa table

```

MariaDB [academic]> alter table mahasiswa add jurusan char(20);
Query OK, 0 rows affected (0.017 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [academic]> describe mahasiswa;
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 'describe mahasiswa' at line 1
MariaDB [academic]> describe mahasiswa;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| no_mhs | int(8) | NO | PRI | NULL | |
| nama_mhs | char(50) | YES | | NULL | |
| jurusan | char(20) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.001 sec)

MariaDB [academic]>

```

## Create table dosen

```

MariaDB [academic]> create table dosen (kode_dosen char(10) primary key, nama_dosen char(50));
Query OK, 0 rows affected (0.012 sec)

MariaDB [academic]> describe dosen;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| kode_dosen | char(10) | NO | PRI | NULL | |
| nama_dosen | char(50) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.001 sec)

MariaDB [academic]>

```

## Add kode\_dosen at mata\_kuliah table

```

MariaDB [academic]> alter table mata_kuliah add column kode_dosen char(10), add foreign key (kode_dosen) references dosen(kode_dosen);
Query OK, 0 rows affected (0.052 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [academic]> describe mata_kuliah;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| kd_mk | char(10) | NO | PRI | NULL | |
| nama_mk | char(50) | YES | | NULL | |
| kode_dosen | char(10) | YES | MUL | NULL | |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.003 sec)

MariaDB [academic]>

```

## Add nilai column at nilai table

```

MariaDB [academic]> alter table nilai add column nilai int(3);
Query OK, 0 rows affected (0.026 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [academic]> desc nilai;
+-----+-----+-----+-----+-----+-----+
| Field | Type   | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| no_mhs | int(8) | YES  | MUL | NULL    |       |
| kode_mk | char(10) | YES  | MUL | NULL    |       |
| nilai  | int(3) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.004 sec)

MariaDB [academic]> 

```

display data dosen

```

MariaDB [academic]> select * from dosen;
+-----+-----+
| kode_dosen | nama_dosen |
+-----+-----+
| d-001      | bagus      |
| d-002      | bagus      |
+-----+-----+
2 rows in set (0.000 sec)

MariaDB [academic]> 

```

display data mahasiswa

```

MariaDB [academic]> select * from mahasiswa;
+-----+-----+-----+
| no_mhs | nama_mhs | jurusan |
+-----+-----+-----+
| 2241981 | rizqi    | Teknologi Informasi |
| 2241982 | azhar    | Teknologi Informasi |
+-----+-----+-----+
2 rows in set (0.000 sec)

MariaDB [academic]> 

```

display data mata kuliah

```
MariaDB [academic]> select * from mata_kuliah;
```

kd_mk	nama_mk	kode_dosen
mk-001	database advance	d-001
mk-002	matematika 3	d-001

```
2 rows in set (0.000 sec)

MariaDB [academic]> 
```

display data nilai

```
MariaDB [academic]> select * from nilai;
```

no_mhs	kode_mk	nilai
2241981	mk-001	99
2241981	mk-002	98

```
2 rows in set (0.001 sec)

MariaDB [academic]> 
```

## 2. Create database

```
MariaDB [academic]> create database employee;
Query OK, 1 row affected (0.001 sec)

MariaDB [academic]> use employee;
Database changed
MariaDB [employee]> show tables;
Empty set (0.000 sec)

MariaDB [employee]> 
```

Create table employee

```
MariaDB [employee]> create table employee (no_pegawai int(4) primary key, nama_pegawai char(50));
Query OK, 0 rows affected (0.013 sec)

MariaDB [employee]> desc employee;
```

Field	Type	Null	Key	Default	Extra
no_pegawai	int(4)	NO	PRI	NULL	
nama_pegawai	char(50)	YES		NULL	

```
2 rows in set (0.001 sec)

MariaDB [employee]> 
```

create table golongan

```
MariaDB [employee]> create table golongan (golongan char(1) primary key);
Query OK, 0 rows affected (0.011 sec)

MariaDB [employee]> desc golongan;
+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| golongan | char(1) | NO | PRI | NULL | |
+-----+-----+-----+-----+-----+
1 row in set (0.001 sec)

MariaDB [employee]> 
```

create table proyek

```
MariaDB [employee]> create table proyek (no_proyek int(5) primary key);
Query OK, 0 rows affected (0.010 sec)

MariaDB [employee]> desc proyek;
+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| no_proyek | int(5) | NO | PRI | NULL | |
+-----+-----+-----+-----+-----+
1 row in set (0.001 sec)

MariaDB [employee]> 
```

create table proyek\_pegawai

```
MariaDB [employee]> create table proyek_pegawai (no_proyek int(5), foreign key (no_proyek) references proyek(no_proyek));
Query OK, 0 rows affected (0.014 sec)

MariaDB [employee]> desc proyek_pegawai;
+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| no_proyek | int(5) | YES | MUL | NULL | |
+-----+-----+-----+-----+-----+
1 row in set (0.001 sec)

MariaDB [employee]> 
```

Add golongan column at employee table

```
MariaDB [employee]> alter table employee add column golongan char(1), add foreign key (golongan) references golongan(golongan);
Query OK, 0 rows affected (0.027 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [employee]> desc employee;
+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| no_pegawai | int(4) | NO | PRI | NULL | |
| nama_pegawai | char(50) | YES | | NULL | |
| golongan | char(1) | YES | MUL | NULL | |
+-----+-----+-----+-----+-----+
3 rows in set (0.003 sec)

MariaDB [employee]> 
```

Add besar\_gaji column at gologan table

```
MariaDB [employee]> alter table golongan add column besar_gaji float(20,2);
Query OK, 0 rows affected (0.014 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [employee]> desc golongan;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| golongan | char(1) | NO | PRI | NULL | |
| besar_gaji | float(20,2) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.001 sec)

MariaDB [employee]> █
```

Add nama\_proyek column at proyek table

```
MariaDB [employee]> alter table proyek add column nama_proyek char(50);
Query OK, 0 rows affected (0.013 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [employee]> desc proyek
→ exit
→ ;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual
exit' at line 2
MariaDB [employee]> desc proyek;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| no_proyek | int(5) | NO | PRI | NULL | |
| nama_proyek | char(50) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.001 sec)

MariaDB [employee]> █
```

Add no\_pegawai column at proyek\_pegawai table

```
MariaDB [employee]> alter table proyek_pegawai add column no_pegawai int(4) foreign key (no_pegawai) references employee(no_pegawai);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right sy
foreign key (no_pegawai) references employee(no_pegawai)' at line 1
MariaDB [employee]> alter table proyek_pegawai add column no_pegawai int(4), add foreign key (no_pegawai) references employee(no_pegawai);
Query OK, 0 rows affected (0.035 sec)
Records: 0 Duplicates: 0 Warnings: 0

MariaDB [employee]> desc proyek_pegawai;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| no_proyek | int(5) | YES | MUL | NULL | |
| no_pegawai | int(4) | YES | MUL | NULL | |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.003 sec)

MariaDB [employee]> █
```

display data employee

```
MariaDB [employee]> select * from employee;
+-----+-----+-----+
| no_pegawai | nama_pegawai | golongan |
+-----+-----+-----+
|          1 | azhar        | A        |
|          2 | rizqi        | B        |
+-----+-----+-----+
2 rows in set (0.000 sec)

MariaDB [employee]> select * from ;
```

display data gologan

```
MariaDB [employee]> select * from golongan;
+-----+-----+
| golongan | besar_gaji |
+-----+-----+
| A        | 6500000.00 |
| B        | 5500000.00 |
+-----+-----+
2 rows in set (0.000 sec)

MariaDB [employee]> 
```

display data proyek

```
MariaDB [employee]> select * from proyek;
+-----+-----+
| no_proyek | nama_proyek |
+-----+-----+
|          1 | sistem peminjaman buku |
|          2 | sistem informasi akademik |
+-----+-----+
2 rows in set (0.000 sec)

MariaDB [employee]> 
```

display data proyek\_pegawai



```
MariaDB [employee]> select * from proyek_pegawai;
```

no_proyek	no_pegawai
1	1
2	2

```
2 rows in set (0.000 sec)
```

```
MariaDB [employee]> 
```