

TUGAS PERTEMUAN 4

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1.

```
MariaDB [(none)]> use dbusaha_4
Database changed
```

2.

```
MariaDB [(none)]> use db_usaha4
Database changed
MariaDB [db_usaha4]> insert into branch(id_cabang, alamat, kota, kodepos)
-> values
-> ("B001","IMAM BONJOL","SEMARANG","50131"),
-> ("B002","NGALIYAN","SEMARANG","50181"),
-> ("B003","TEMBALANG","SEMARANG","50275"),
-> ("B004","LAWEYAN","SURAKARTA","57140"),
-> ("B005","SERENGAN","SURAKARTA","57150"),
-> ("B006","BANJARSARI","SURAKARTA","57130"),
-> ("B007","KOTAGEDE","YOGYAKARTA","55171"),
-> ("B008","JETIS","YOGYAKARTA","55231"),
-> ("B009","MANTRIJERON","YOGYAKARTA","55141");
Query OK, 9 rows affected (0.004 sec)
Records: 9 Duplicates: 0 Warnings: 0
```

3.

```
MariaDB [db_usaha4]> DESC STAFF
-> ;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| nip   | varchar(20) | NO | PRI | NULL | |
| nama  | varchar(40) | NO | | NULL | |
| jenisKelamin | char(1) | NO | | NULL | |
| tgl_masuk | date | YES | | NULL | |
| gaji  | int(11) | NO | | NULL | |
| id_cabang | varchar(10) | YES | | NULL | |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.006 sec)

MariaDB [db_usaha4]> desc branch
-> ;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id_cabang | varchar(10) | NO | PRI | NULL | |
| alamat | varchar(50) | NO | | NULL | |
| kota | varchar(100) | NO | | NULL | |
| kodepos | varchar(10) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.006 sec)

MariaDB [db_usaha4]> _
```

4.

```
MariaDB [db_usaha4]> alter table staff
-> add foreign key(id_cabang) references branch(id_cabang);
Query OK, 10 rows affected (0.120 sec)
Records: 10 Duplicates: 0 Warnings: 0

MariaDB [db_usaha4]> _
```

5.

```
MariaDB [db_usaha4]> select staff.nip, staff.nama, staff.jenisKelamin, staff.posisi, staff.id_cabang, branch.kota
-> from staff
-> JOIN
-> branch
-> ON
-> staff.id_cabang = branch.id_cabang;
```

nip	nama	jenisKelamin	posisi	id_cabang	kota
A001	DANI	L	ASISTEN	B001	SEMARANG
A002	PARWOTO	L	ASISTEN	B002	SEMARANG
A003	BAGUS	L	ASISTEN	B003	SEMARANG
A004	LELI	P	ASISTEN	B002	SEMARANG
M001	MITA	P	MANAJER	B001	SEMARANG
M002	ROBI	L	MANAJER	B002	SEMARANG
M003	NANDA	L	MANAJER	B003	SEMARANG
S001	SITI	P	SUPERVISOR	B001	SEMARANG
S002	FATIMAH	P	SUPERVISOR	B002	SEMARANG
S003	HARYATI	P	SUPERVISOR	B003	SEMARANG

```
10 rows in set (0.002 sec)

MariaDB [db_usaha4]>
```

6.

```
MariaDB [db_usaha4]> select e.nip, e.nama, e.jenisKelamin, e.posisi, e.id_cabang, s.kota
-> from staff e
-> INNER JOIN
-> branch s on e.id_cabang = s.id_cabang;
```

nip	nama	jenisKelamin	posisi	id_cabang	kota
A001	DANI	L	ASISTEN	B001	SEMARANG
A002	PARWOTO	L	ASISTEN	B002	SEMARANG
A003	BAGUS	L	ASISTEN	B003	SEMARANG
A004	LELI	P	ASISTEN	B002	SEMARANG
M001	MITA	P	MANAJER	B001	SEMARANG
M002	ROBI	L	MANAJER	B002	SEMARANG
M003	NANDA	L	MANAJER	B003	SEMARANG
S001	SITI	P	SUPERVISOR	B001	SEMARANG
S002	FATIMAH	P	SUPERVISOR	B002	SEMARANG
S003	HARYATI	P	SUPERVISOR	B003	SEMARANG

```
10 rows in set (0.000 sec)

MariaDB [db_usaha4]>
```

7.

```
MariaDB [db_usaha4]> select e.nip, e.nama, e.jenisKelamin, e.posisi, e.id_cabang, s.kota
-> from staff e
-> INNER JOIN
-> branch s on e.id_cabang = s.id_cabang
-> where s.kota = "SEMARANG";
```

nip	nama	jenisKelamin	posisi	id_cabang	kota
A001	DANI	L	ASISTEN	B001	SEMARANG
A002	PARWOTO	L	ASISTEN	B002	SEMARANG
A003	BAGUS	L	ASISTEN	B003	SEMARANG
A004	LELI	P	ASISTEN	B002	SEMARANG
M001	MITA	P	MANAJER	B001	SEMARANG
M002	ROBI	L	MANAJER	B002	SEMARANG
M003	NANDA	L	MANAJER	B003	SEMARANG
S001	SITI	P	SUPERVISOR	B001	SEMARANG
S002	FATIMAH	P	SUPERVISOR	B002	SEMARANG
S003	HARYATI	P	SUPERVISOR	B003	SEMARANG

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