

Nama : Dini Aryani

NIM : 311710653

Kelas : TI.17.D2

PRAKTIKUM 4

1. Membuat Table Pet

create table pet(Name varchar(10), Owner varchar(10), Species varchar(10), Sex varchar(5), Birth date, Death date);

```
MariaDB [latihan01]> create table pet(Name varchar(10), Owner varchar(10), Species varchar(10), Sex varchar(5), Birth date, Death date);
Query OK, 0 rows affected (0.34 sec)

MariaDB [latihan01]> desc pet;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Name  | varchar(10) | YES |  | NULL |  |
| Owner | varchar(10) | YES |  | NULL |  |
| Species | varchar(10) | YES |  | NULL |  |
| Sex   | varchar(5)  | YES |  | NULL |  |
| Birth | date        | YES |  | NULL |  |
| Death | date        | YES |  | NULL |  |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.19 sec)
```

2. Menginput datanya

insert into pet

-> (Name, owner, Species, sex, birth, death)

-> values

-> ("Puffball", "diane", "hamster", "F", "199-03-03", "NULL"),
-> ("claws", "gwen", "cat", "M", "1994-03-17", "NULL"),
-> ("fluffy", "harold", "cat", "F", "1993-02-04", "NULL"),
-> ("buffy", "harold", "dog", "F", "1989-05-13", "NULL"),
-> ("fang", "benny", "dog", "M", "1990-08-27", "NULL"),
-> ("bowser", "diane", "dog", "M", "1989-08-31", "1995-07-29"),
-> ("chirpy", "gwen", "bird", "F", "1998-09-11", "NULL"),
-> ("whistler", "gwen", "bird", "NULL", "1997-12-09", "NULL"),
-> ("slim", "benny", "snake", "M", "1996-04-29", "NULL");

```
MariaDB [latihan01]> insert into pet
-> (Name, owner, Species, sex, birth, death)
-> values
-> ("Puffball", "diane", "hamster", "F", "199-03-03", "NULL"),
-> ("claws", "gwen", "cat", "M", "1994-03-17", "NULL"),
-> ("fluffy", "harold", "cat", "F", "1993-02-04", "NULL"),
-> ("buffy", "harold", "dog", "F", "1989-05-13", "NULL"),
-> ("fang", "benny", "dog", "M", "1990-08-27", "NULL"),
-> ("bowser", "diane", "dog", "M", "1989-08-31", "1995-07-29"),
-> ("chirpy", "gwen", "bird", "F", "1998-09-11", "NULL"),
-> ("whistler", "gwen", "bird", "NULL", "1997-12-09", "NULL"),
-> ("slim", "benny", "snake", "M", "1996-04-29", "NULL");
Query OK, 9 rows affected, 8 warnings (0.10 sec)
Records: 9 Duplicates: 0 Warnings: 8
```

3. Tampilkan jumlah hewan yang dimiliki oleh setiap Owner
Select owner, count(Name) as total from pet group by owner;

```
MariaDB [latihan01]> Select owner, count(Name) as total from pet group by owner;
```

owner	total
benny	2
diane	2
gwen	3
harold	2

```
4 rows in set (0.12 sec)
```

4. Tampilkan jumlah hewan berdasarkan Species
Select species, count(name) as total from pet group by species;

```
MariaDB [latihan01]> Select species, count(name) as total from pet group by species;
```

species	total
bird	2
cat	2
dog	3
hamster	1
snake	1

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

5. Tampilkan jumlah hewan berdasarkan jenis kelamin
Select sex, count(name) as total from pet group by sex;

```
MariaDB [latihan01]> Select sex, count(name) as total from pet group by sex;
```

sex	total
F	4
M	4
NULL	1

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

6. Tampilkan jumlah hewan berdasarkan species dan jenis kelamin
Select species, sex, count(name) as total from pet group by species, sex;

```
MariaDB [latihan01]> Select species, sex, count(name) as total from pet group by species, sex;
```

species	sex	total
bird	F	1
bird	NULL	1
cat	F	1
cat	M	1
dog	F	1
dog	M	2
hamster	F	1
snake	M	1

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

7. Tampilkan jumlah hewan berdasarkan species (cat dan dog saja) dan jenis kelamin
Select species sex, count(name) as total from pet group by species, sex having pet.species = "cat" or pet.species = "dog";

```
MariaDB [latihan01]> Select species sex, count(name) as total from pet group by species, sex having pet.species = "cat" or pet.species = "dog";
```

species	sex	total
cat	1	1
cat	2	1
dog	1	1
dog	2	2

4 rows in set, 1 warning (0.01 sec)

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8. Tampilkan jumlah hewan berdasarkan jenis kelamin yang di ketahui saja
Select species, count(name) as total from pet group by species;

```
MariaDB [latihan01]> Select species, count(name) as total from pet group by species;
```

species	total
bird	2
cat	2
dog	3
hamster	1
snake	1

5 rows in set (0.00 sec)