

Viikko 2

2. SQL-kyselyitä pet-taulusta

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En ollut varma, miten palautus pitäisi tehdä, joten otin kuvakaappaukset aina kun sain tehtävän tehtyä.

Tässä on taulukko ennen mitään muutoksia.

```
mysql> select * from pet;
```

name	owner	species	sex	birth	death
Fluffy	Harold	cat	f	1993-02-04	NULL
Claws	Gwen	cat	m	1993-03-17	NULL
Buffy	Harold	dog	f	1989-05-13	NULL
Fang	Benny	dog	m	1990-08-27	NULL
Bowser	Diane	dog	m	1979-08-31	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
Puffball	Diane	hamster	f	1999-03-30	NULL

9 rows in set (0.00 sec)

a) Poista Puffballin tiedot taulusta.

```
mysql> delete from pet where name = 'Puffball';
Query OK, 1 row affected (0.01 sec)

mysql> select * from pet;
```

name	owner	species	sex	birth	death
Fluffy	Harold	cat	f	1993-02-04	NULL
Claws	Gwen	cat	m	1993-03-17	NULL
Buffy	Harold	dog	f	1989-05-13	NULL
Fang	Benny	dog	m	1990-08-27	NULL
Bowser	Diane	dog	m	1979-08-31	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

8 rows in set (0.00 sec)

b) Muuta Bowserin syntymäajaksi 31.8.1998

```
mysql> update pet set birth = '1998-08-31' where name = 'Bowser';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select * from pet;
```

name	owner	species	sex	birth	death
Fluffy	Harold	cat	f	1993-02-04	NULL
Claws	Gwen	cat	m	1993-03-17	NULL
Buffy	Harold	dog	f	1989-05-13	NULL
Fang	Benny	dog	m	1990-08-27	NULL
Bowser	Diane	dog	m	1998-08-31	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

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

c) Chirpy on kuollut 15.9.2000. Lisää tämä tieto tauluun.

```
mysql> update pet set death = '2000-09-15' where name = 'Chirpy';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> select * from pet;
```

name	owner	species	sex	birth	death
Fluffy	Harold	cat	f	1993-02-04	NULL
Claws	Gwen	cat	m	1993-03-17	NULL
Buffy	Harold	dog	f	1989-05-13	NULL
Fang	Benny	dog	m	1990-08-27	NULL
Bowser	Diane	dog	m	1998-08-31	1995-07-29
Chirpy	Gwen	bird	f	1998-09-11	2000-09-15
Whistler	Gwen	bird	NULL	1997-12-09	NULL
Slim	Benny	snake	m	1996-04-29	NULL

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

d) Tulosta kaikki lemmikit, jotka ovat syntyneet 1990-luvulla. (Tulosta kaikki tietueen tiedot)

```
mysql> select * from pet where birth >= '1990-01-01' and birth <= '1999-12-31';
```

name	owner	species	sex	birth	death
Fluffy	Harold	cat	f	1993-02-04	NULL
Claws	Gwen	cat	m	1993-03-17	NULL
Fang	Benny	dog	m	1990-08-27	NULL
Bowser	Diane	dog	m	1998-08-31	1995-07-29
Chirpy	Gwen	bird	f	1998-09-11	2000-09-15
Whistler	Gwen	bird	NULL	1997-12-09	NULL
Slim	Benny	snake	m	1996-04-29	NULL

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

e) Tulosta kaikki miespuoliset koirat. (Tulosta kaikki tietueen tiedot)

```
mysql> select * from pet where sex = 'm' and species = 'dog';
```

name	owner	species	sex	birth	death
Fang	Benny	dog	m	1990-08-27	NULL
Bowser	Diane	dog	m	1998-08-31	1995-07-29

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

f) Tulosta ainoastaan kaikkien miespuolisten koirien nimet.

```
mysql> select name from pet where sex = 'm' and species = 'dog';
```

name
Fang
Bowser

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

g) Tulosta kaikkien miespuolisten koirien nimi ja omistajan nimi.

```
mysql> select name, owner from pet where sex = 'm' and species = 'dog';
```

name	owner
Fang	Benny
Bowser	Diane

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