

SQL "SERVER MySQL Command Console" - mysql.exe --host=localhost --port=3306 --user=root --password=

```
| Bowser | Diane | dog | m | 1979-08-31 | 1995-07-29 |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)
```

```
mysql> INSERT INTO pet VALUES('Chirpy','Gwen','bird','f','1998-09-11',NULL);
Query OK, 1 row affected (0.01 sec)
```

```
mysql> INSERT INTO pet VALUES('Whistler','Gwen','bird',null,'1997-12-09',NULL);
Query OK, 1 row affected (0.02 sec)
```

```
mysql> INSERT INTO pet VALUES('Slim','Benny','snake','m','1996-04-29',NULL);
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 |
| Puffball | Diane | hamster | f | 1993-03-30 | NULL |
| Claws | Gwen | cat | m | 1994-03-17 | 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 |
+-----+-----+-----+-----+-----+-----+
9 rows in set (0.00 sec)
```

```
mysql>
```

Luotiin pet taulukko

```
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 | 1994-03-17 | 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)
```

```
mysql>
```

a) poistettiin puffball taulukosta

```
mysql> UPDATE pet SET birth = '1989-08-31' 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 | 1994-03-17 | 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 |
+-----+-----+-----+-----+-----+-----+
8 rows in set (0.00 sec)
```

```
mysql>
```

b)Päivitettiin Bowserin syntymäaika

```
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 | 1994-03-17 | 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 | 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)

mysql>
```

c) laitettiin Chirpyn kuolinaika

```
mysql> select * FROM pet WHERE birth >= '1989-12-31';
+-----+-----+-----+-----+-----+-----+
| name | owner | species | sex | birth | death |
+-----+-----+-----+-----+-----+-----+
| Fluffy | Harold | cat | f | 1993-02-04 | NULL |
| Claws | Gwen | cat | m | 1994-03-17 | NULL |
| Fang | Benny | dog | m | 1990-08-27 | NULL |
| 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 |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)

mysql>
```

d) tulostettiin kaikki 90-luvulla syntyneet

```
mysql> select * FROM pet WHERE (species = 'dog' AND sex = 'm');
+-----+-----+-----+-----+-----+-----+
| name | owner | species | sex | birth | death |
+-----+-----+-----+-----+-----+-----+
| Fang | Benny | dog | m | 1990-08-27 | NULL |
| Bowser | Diane | dog | m | 1989-08-31 | 1995-07-29 |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql>
```

e) tulostettiin miespuoliset koirat

```
mysql> select name FROM pet WHERE (species = 'dog' AND sex = 'm');
+-----+
| name |
+-----+
| Fang |
| Bowser |
+-----+
2 rows in set (0.00 sec)

mysql>
```

f) tulostettiin miespuolisten koirien nimet

```
mysql> select name, owner FROM pet WHERE (species = 'dog' AND sex = 'm');
+-----+-----+
| name | owner |
+-----+-----+
| Fang | Benny |
| Bowser | Diane |
+-----+-----+
2 rows in set (0.00 sec)

mysql>
```

g) tulostettiin miespuolisten koirien nimet

ja omistajat