

```
mysql> select * from sample21 where no <> 2;
+-----+-----+-----+-----+
| no | name | birthday | address |
+-----+-----+-----+-----+
| 1 | 박준용 | 1976-10-18 | 대구광역시 수성구 |
| 3 | 홍길동 | NULL | 서울특별시 마포구 |
+-----+-----+-----+-----+
2 rows in set (0.02 sec)
```

```
mysql> select * from sample21 where birthday = NULL;
Empty set (0.00 sec)
```

```
mysql> select * from sample21 where birthday IS NULL;
+-----+-----+-----+-----+
| no | name | birthday | address |
+-----+-----+-----+-----+
| 2 | 김재진 | NULL | 대구광역시 동구 |
| 3 | 홍길동 | NULL | 서울특별시 마포구 |
+-----+-----+-----+-----+
2 rows in set (0.02 sec)
```

```
mysql> select * from sample24 where a<>0 and b<>0;
```

```
+-----+-----+-----+-----+
| no  | a  | b  | c  |
+-----+-----+-----+-----+
|  4  |  2 |  2 |  0 |
+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

```
mysql> select * from sample24 where a<>0 or b<>0;
```

```
+-----+-----+-----+-----+
| no  | a  | b  | c  |
+-----+-----+-----+-----+
|  1  |  1 |  0 |  0 |
|  2  |  0 |  1 |  0 |
|  4  |  2 |  2 |  0 |
|  5  |  0 |  2 |  2 |
+-----+-----+-----+-----+
4 rows in set (0.01 sec)
```

```
mysql> select * from sample24 where no=1 or 2;
```

```
+-----+-----+-----+-----+
| no  | a  | b  | c  |
+-----+-----+-----+-----+
|  1  |  1 |  0 |  0 |
|  2  |  0 |  1 |  0 |
|  3  |  0 |  0 |  1 |
|  4  |  2 |  2 |  0 |
|  5  |  0 |  2 |  2 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

```
mysql> select * from sample24 where a=1 or a=2 and b=1 or b=2;
```

```
+-----+-----+-----+-----+
| no  | a  | b  | c  |
+-----+-----+-----+-----+
|  1  |  1 |  0 |  0 |
|  4  |  2 |  2 |  0 |
|  5  |  0 |  2 |  2 |
+-----+-----+-----+-----+
3 rows in set (0.00 sec)
```

```
mysql> select * from sample24 where NOT (a<>0 OR b<>0);
```

```
+-----+-----+-----+-----+
| no  | a  | b  | c  |
+-----+-----+-----+-----+
|  3  |  0 |  0 |  1 |
+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

```
mysql> select * from sample25 where text LIKE 'SQL%';
```

```
+-----+-----+
| no  | text                                     |
+-----+-----+
|  1  | SQL은 RDBMS를 조작하기 위한 언어이다. |
+-----+-----+
1 row in set (0.00 sec)
```

```
mysql> select * from sample25 where text LIKE '%SQL%';
```

```
+-----+-----+
| no  | text                                     |
+-----+-----+
|  1  | SQL은 RDBMS를 조작하기 위한 언어이다. |
|  3  | LIKE는 SQL에서 사용할 수 있는 술어 중 하나이다. |
+-----+-----+
2 rows in set (0.00 sec)
```

```
mysql> select * from sample25 where text LIKE '%W%';
```

```
+-----+-----+
| no  | text                                     |
+-----+-----+
| 2   | LIKE에서는 메타문자 %와 _를 사용할 수 있다. |
+-----+-----+
1 row in set (0.00 sec)
```

```
mysql> select * from sample31 order by age;
```

```
+-----+-----+-----+
| name | age | address      |
+-----+-----+-----+
| B씨  | 18  | 부산광역시 연제구 |
| C씨  | 25  | 서울특별시 중구   |
| A씨  | 36  | 대구광역시 중구   |
+-----+-----+-----+
3 rows in set (0.00 sec)
```

```
mysql> desc sample311;
```

```
+-----+-----+-----+-----+-----+-----+
| Field | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| a     | varchar(2) | YES  |     | NULL    |       |
| b     | int(11)    | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
2 rows in set (0.03 sec)
```

```
mysql> select * from sample311 order by a;
```

```
+-----+-----+
| a  | b  |
+-----+-----+
| 1  | 1  |
| 10 | 10 |
| 11 | 11 |
| 2  | 2  |
+-----+-----+
4 rows in set (0.00 sec)
```

```
mysql> select * from sample311 order by b;
```

```
+-----+-----+
| a | b |
+-----+-----+
| 1 | 1 |
| 2 | 2 |
| 10 | 10 |
| 11 | 11 |
+-----+-----+
```

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

```
mysql> select * from sample311 order by b desc;
```

```
+-----+-----+
| a | b |
+-----+-----+
| 11 | 11 |
| 10 | 10 |
| 2 | 2 |
| 1 | 1 |
+-----+-----+
```

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

```
mysql> select * from sample32;
```

```
+-----+-----+
| a | b |
+-----+-----+
| 1 | 1 |
| 2 | 1 |
| 2 | 2 |
| 1 | 3 |
| 1 | 2 |
+-----+-----+
```

```
5 rows in set (0.01 sec)
```

```
mysql> select * from sample32 order by a;
```

```
+-----+-----+
| a | b |
+-----+-----+
| 1 | 1 |
| 1 | 3 |
| 1 | 2 |
| 2 | 1 |
| 2 | 2 |
+-----+-----+
```

5 rows in set (0.00 sec)

```
mysql> select * from sample32 order by a, b;
```

```
+-----+-----+
| a | b |
+-----+-----+
| 1 | 1 |
| 1 | 2 |
| 1 | 3 |
| 2 | 1 |
| 2 | 2 |
+-----+-----+
```

5 rows in set (0.01 sec)

```
mysql> select * from sample32 order by b, a;
```

```
+-----+-----+
| a | b |
+-----+-----+
| 1 | 1 |
| 2 | 1 |
| 1 | 2 |
| 2 | 2 |
| 1 | 3 |
+-----+-----+
```

5 rows in set (0.00 sec)

```
mysql> select * from sample32 order by a desc, b asc;
```

```
+-----+-----+
```

```
| a | b |
```

```
+-----+-----+
```

```
| 2 | 1 |
```

```
| 2 | 2 |
```

```
| 1 | 1 |
```

```
| 1 | 2 |
```

```
| 1 | 3 |
```

```
+-----+-----+
```

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

```
mysql> select * from sample34;
```

```
+-----+-----+-----+
```

```
| no | price | quantity |
```

```
+-----+-----+-----+
```

```
| 1 | 100 | 10 |
```

```
| 2 | 230 | 24 |
```

```
| 3 | 1980 | 1 |
```

```
+-----+-----+-----+
```

```
3 rows in set (0.01 sec)
```

```
mysql> select *, price*quantity from sample34;
```

```
+-----+-----+-----+-----+
```

```
| no | price | quantity | price*quantity |
```

```
+-----+-----+-----+-----+
```

```
| 1 | 100 | 10 | 1000 |
```

```
| 2 | 230 | 24 | 5520 |
```

```
| 3 | 1980 | 1 | 1980 |
```

```
+-----+-----+-----+-----+
```

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

```
mysql> select *, price*quantity AS amount from sample34;
```

no	price	quantity	amount
1	100	10	1000
2	230	24	5520
3	1980	1	1980

3 rows in set (0.02 sec)

```
mysql> select *, price*quantity AS amount from sample34 where price*quantity >=2000;
```

no	price	quantity	amount
2	230	24	5520

1 row in set (0.02 sec)