**1.less then 700.**

mysql> select \* from product\_deatils where category='Clothing' and price <=7

00;

+-------------+----------+-------+-------+--------+

| name | category | price | brand | rating |

+-------------+----------+-------+-------+--------+

| Balck-jeans | Clothing | 700 | Puma | 4.0 |

| Blue-jeans | Clothing | 700 | Puma | 4.5 |

+-------------+----------+-------+-------+--------+

2 rows in set (0.00 sec)

mysql>

**2.** mysql> insert into product\_deatils values('balck-navyShirt','Clothing',400,'

Denim',4);

Query OK, 1 row affected (0.00 sec)

mysql> select \* from product\_deatils;

+----------------------------+----------+-------+---------+--------+

| name | category | price | brand | rating |

+----------------------------+----------+-------+---------+--------+

| Black-Shirt | Clothing | 900 | Puma | 4.8 |

| Balck-jeans | Clothing | 700 | Puma | 4.0 |

| Navyblue-jeans | Clothing | 1200 | adidas | 4.1 |

| Blue-jeans | Clothing | 700 | Puma | 4.5 |

| Navygreen-jeans | Clothing | 1000 | Puma | 4.2 |

| Bourbon-Small | food | 30 | bourbon | 4.8 |

| Bourbon with Extra Cookies | food | 50 | milk | 4.2 |

| Chips | food | 102 | chips | 5.0 |

| balck-navyShirt | Clothing | 400 | Denim | 4.0 |

+----------------------------+----------+-------+---------+--------+

9 rows in set (0.00 sec)

mysql> select \* from product\_deatils where rating>4;

+----------------------------+----------+-------+---------+--------+

| name | category | price | brand | rating |

+----------------------------+----------+-------+---------+--------+

| Black-Shirt | Clothing | 900 | Puma | 4.8 |

| Navyblue-jeans | Clothing | 1200 | adidas | 4.1 |

| Blue-jeans | Clothing | 700 | Puma | 4.5 |

| Navygreen-jeans | Clothing | 1000 | Puma | 4.2 |

| Bourbon-Small | food | 30 | bourbon | 4.8 |

| Bourbon with Extra Cookies | food | 50 | milk | 4.2 |

| Chips | food | 102 | chips | 5.0 |

+----------------------------+----------+-------+---------+--------+

7 rows in set (0.00 sec)

mysql>

**3.** mysql> select \* from product\_deatils where price <= 1000 and rating >4.0;

+----------------------------+----------+-------+---------+--------+

| name | category | price | brand | rating |

+----------------------------+----------+-------+---------+--------+

| Black-Shirt | Clothing | 900 | Puma | 4.8 |

| Blue-jeans | Clothing | 700 | Puma | 4.5 |

| Navygreen-jeans | Clothing | 1000 | Puma | 4.2 |

| Bourbon-Small | food | 30 | bourbon | 4.8 |

| Bourbon with Extra Cookies | food | 50 | milk | 4.2 |

| Chips | food | 102 | chips | 5.0 |

+----------------------------+----------+-------+---------+--------+

6 rows in set (0.00 sec)

mysql>

**4.** mysql> select \* from product\_deatils where rating >3.6 and price < 1000 and brand='Puma';

+-------------+----------+-------+-------+--------+

| name | category | price | brand | rating |

+-------------+----------+-------+-------+--------+

| Black-Shirt | Clothing | 900 | Puma | 4.8 |

| Balck-jeans | Clothing | 700 | Puma | 4.0 |

| Blue-jeans | Clothing | 700 | Puma | 4.5 |

+-------------+----------+-------+-------+--------+

3 rows in set (0.00 sec)

mysql>

**5.** mysql> select \* from product\_deatils where brand in('Puma','Denim','Nike');

+-----------------+----------+-------+-------+--------+

| name | category | price | brand | rating |

+-----------------+----------+-------+-------+--------+

| Black-Shirt | Clothing | 900 | Puma | 4.8 |

| Balck-jeans | Clothing | 700 | Puma | 4.0 |

| Blue-jeans | Clothing | 700 | Puma | 4.5 |

| Navygreen-jeans | Clothing | 1000 | Puma | 4.2 |

| balck-navyShirt | Clothing | 400 | Denim | 4.0 |

| blue-t-shirt | Clothing | 1000 | Nike | 4.0 |

+-----------------+----------+-------+-------+--------+

6 rows in set (0.00 sec)

mysql>

**6.** mysql> select \* from product\_deatils where brand in('Redmi','OnePlus')and rating>=4;

+-------------+----------+-------+---------+--------+

| name | category | price | brand | rating |

+-------------+----------+-------+---------+--------+

| 1+note\_5pro | phone | 30000 | OnePlus | 4.9 |

+-------------+----------+-------+---------+--------+

1 row in set (0.00 sec)

**mysql>**

**7.** mysql> insert into product\_deatils values('Cadbury-cakes','food',600,'cadbury',4.5),('Britannia-cakes','food',800,'britannia',4.1);

Query OK, 2 rows affected (0.00 sec)

Records: 2 Duplicates: 0 Warnings: 0

mysql> select \* from product\_deatils where name in('Cadbury-cakes','Britannia-cakes') and rating >4.0;

+-----------------+----------+-------+-----------+--------+

| name | category | price | brand | rating |

+-----------------+----------+-------+-----------+--------+

| Cadbury-cakes | food | 600 | cadbury | 4.5 |

| Britannia-cakes | food | 800 | britannia | 4.1 |

+-----------------+----------+-------+-----------+--------+

2 rows in set (0.00 sec)

mysql>

**8.** mysql> select \* from product\_deatils where brand in ('puma','Denim') and rat

ing >3.5;

+-----------------+----------+-------+-------+--------+

| name | category | price | brand | rating |

+-----------------+----------+-------+-------+--------+

| Black-Shirt | Clothing | 900 | Puma | 4.8 |

| Balck-jeans | Clothing | 700 | Puma | 4.0 |

| Blue-jeans | Clothing | 700 | Puma | 4.5 |

| Navygreen-jeans | Clothing | 1000 | Puma | 4.2 |

| balck-navyShirt | Clothing | 400 | Denim | 4.0 |

+-----------------+----------+-------+-------+--------+

5 rows in set (0.00 sec)

mysql>

**9.** select \* from product\_deatils where brand in ('Puma','Nike','Levis') and like ('%shirt');

mysql> select \* from product\_deatils where brand in ('Puma','Nike','Levis') and name like ('%shirt');

+--------------+----------+-------+-------+--------+

| name | category | price | brand | rating |

+--------------+----------+-------+-------+--------+

| Black-Shirt | Clothing | 900 | Puma | 4.8 |

| blue-t-shirt | Clothing | 1000 | Nike | 4.0 |

| blue-shirt | Clothing | 800 | Levis | 4.2 |

+--------------+----------+-------+-------+--------+

3 rows in set (0.01 sec)

mysql> select \* from product\_deatils where brand in('Puma','Nike','Levis')and not name like'Black%';

+-----------------+----------+-------+-------+--------+

| name | category | price | brand | rating |

+-----------------+----------+-------+-------+--------+

| Balck-jeans | Clothing | 700 | Puma | 4.0 |

| Blue-jeans | Clothing | 700 | Puma | 4.5 |

| Navygreen-jeans | Clothing | 1000 | Puma | 4.2 |

| blue-t-shirt | Clothing | 1000 | Nike | 4.0 |

| blue-shirt | Clothing | 800 | Levis | 4.2 |

+-----------------+----------+-------+-------+--------+

5 rows in set (0.00 sec)

mysql>