**1.**

**mysql> select \* from product\_details where category="clothing" and price<700;**

**+-------------+----------+-------+-------+--------+**

**| name | category | price | brand | rating |**

**+-------------+----------+-------+-------+--------+**

**| blackshirt | clothing | 500 | puma | 4.8 |**

**| jeans phant | clothing | 500 | puma | 4.6 |**

**+-------------+----------+-------+-------+--------+**

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

**2.**

**mysql> select \* from product\_details where brand="denim" and rating >4;**

**+----------------+----------+-------+-------+--------+**

**| name | category | price | brand | rating |**

**+----------------+----------+-------+-------+--------+**

**| t shirts | clothing | 1500 | denim | 4.6 |**

**| checked shirts | clothing | 2000 | denim | 4.2 |**

**+----------------+----------+-------+-------+--------+**

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

**3.**

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

**+----------------------------+----------+-------+---------+--------+**

**| name | category | price | brand | rating |**

**+----------------------------+----------+-------+---------+--------+**

**| blackshirt | clothing | 1000 | puma | 4.8 |**

**| bourbon with extra cookies | food | 500 | bourbon | 4.6 |**

**| banana chips | food | 1000 | lays | 4.6 |**

**| potato chips | food | 800 | bingo | 4.5 |**

**+----------------------------+----------+-------+---------+--------+**

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

**4.**

**mysql> select \* from product\_details where brand="puma" and price<=1000 and rating >3.6;**

**+------------+----------+-------+-------+--------+**

**| name | category | price | brand | rating |**

**+------------+----------+-------+-------+--------+**

**| blackshirt | clothing | 1000 | puma | 4.8 |**

**+------------+----------+-------+-------+--------+**

**1 row in set (0.00 sec)**

**5.**

**mysql> select \* from product\_details where brand in ("puma","denim","nike");**

**+----------------+----------+-------+-------+--------+**

**| name | category | price | brand | rating |**

**+----------------+----------+-------+-------+--------+**

**| blackshirt | clothing | 1000 | puma | 4.8 |**

**| jeans phant | clothing | 1500 | puma | 4.6 |**

**| bluejeans | clothing | 2000 | nike | 2.5 |**

**| white jeans | clothing | 2000 | denim | 2.5 |**

**| t shirts | clothing | 1500 | denim | 4.6 |**

**| checked shirts | clothing | 2000 | denim | 4.2 |**

**+----------------+----------+-------+-------+--------+**

**6 rows in set (0.00 sec)**

**6.**

**mysql> select \* from product\_details where brand in("redmi","oneplus") and rating >=4;**

**+-------------------+----------+-------+---------+--------+**

**| name | category | price | brand | rating |**

**+-------------------+----------+-------+---------+--------+**

**| redmi note 11 | mobile | 20000 | redmi | 4.0 |**

**| oneplus nord ce | mobile | 1500 | oneplus | 4.0 |**

**| redmi note 10 pro | mobile | 20000 | redmi | 4.0 |**

**+-------------------+----------+-------+---------+--------+**

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

**7.**

**mysql> select \* from product\_details where brand in ("britania","cadbury") and rating >4.0;**

**+---------------+----------+-------+----------+--------+**

**| name | category | price | brand | rating |**

**+---------------+----------+-------+----------+--------+**

**| cadbury cake | food | 500 | cadbury | 4.2 |**

**| britania cake | food | 600 | britania | 4.1 |**

**+---------------+----------+-------+----------+--------+**

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

**8.**

**mysql> select \* from product\_details where brand="puma" and rating>3.5;**

**+-------------+----------+-------+-------+--------+**

**| name | category | price | brand | rating |**

**+-------------+----------+-------+-------+--------+**

**| blackshirt | clothing | 1000 | puma | 4.8 |**

**| jeans phant | clothing | 1500 | puma | 4.6 |**

**+-------------+----------+-------+-------+--------+**

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

**ysql> select \* from product\_details where brand="denim" and rating>4.0;**

**+----------------+----------+-------+-------+--------+**

**| name | category | price | brand | rating |**

**+----------------+----------+-------+-------+--------+**

**| t shirts | clothing | 1500 | denim | 4.6 |**

**| checked shirts | clothing | 2000 | denim | 4.2 |**

**+----------------+----------+-------+-------+--------+**

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

**9.**

**mysql> select \* from product\_details where brand in("puma","nike","levis") and not name like "black%" ;**

**+--------------+----------+-------+-------+--------+**

**| name | category | price | brand | rating |**

**+--------------+----------+-------+-------+--------+**

**| jeans phant | clothing | 1500 | puma | 4.6 |**

**| bluejeans | clothing | 2000 | nike | 2.5 |**

**| whiteshirt | clothing | 5000 | puma | 4.2 |**

**| checkedshirt | clothing | 600 | puma | 4.1 |**

**| formalshirt | clothing | 5000 | levis | 4.2 |**

**| cottonshirt | clothing | 600 | levis | 4.1 |**

**+--------------+----------+-------+-------+--------+**

**6 rows in set (0.00 sec)**