mysql> show databases;

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

| Database |

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

| batch14 |

| details |

| information\_schema |

| kgm |

| mysql |

| payanam |

| performance\_schema |

| sakila |

| studentdetails |

| sys |

| world |

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

11 rows in set (0.00 sec)

mysql> use details;

Database changed

**Creating table in product\_details.**

mysql> use details;

Database changed

mysql> create table product\_deatils(name varchar(100),category varchar(100),price int, brand varchar(100),rating float(2,1));

ERROR 1050 (42S01): Table 'product\_deatils' already exists

mysql> desc product\_deatils;

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

| Field | Type | Null | Key | Default | Extra |

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

| name | varchar(100) | YES | | NULL | |

| category | varchar(100) | YES | | NULL | |

| price | int | YES | | NULL | |

| brand | varchar(100) | YES | | NULL | |

| rating | float(2,1) | YES | | NULL | |

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

5 rows in set (0.00 sec)

mysql> insert into product\_deatils values('Black-Shirt','Clothing',900,'Puma',4.8);

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 |

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

1 row in set (0.00 sec)

mysql> insert into product\_deatils values('Balck-jeans','Clothing',1000,'Puma',4.0),('Navyblue-jeans','Clothing',1200,'adidas',4.1),('Blue-jeans','Clothing',800,'Puma',4.5),('Navygreen-jeans','Clothing',1000,'Puma',4.2);

Query OK, 4 rows affected (0.00 sec)

Records: 4 Duplicates: 0 Warnings: 0

mysql> select \* from product\_deatils;

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

| name | category | price | brand | rating |

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

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

| Balck-jeans | Clothing | 1000 | Puma | 4.0 |

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

| Blue-jeans | Clothing | 800 | Puma | 4.5 |

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

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

5 rows in set (0.00 sec)

mysql>

**1.get all details in Puma brand.**

mysql> select \* from product\_deatils where brand='Puma';

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

| name | category | price | brand | rating |

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

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

| Balck-jeans | Clothing | 1000 | Puma | 4.0 |

| Blue-jeans | Clothing | 800 | Puma | 4.5 |

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

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

4 rows in set (0.00 sec)

mysql>

**2. last word get all details in name .**

mysql> select \* from product\_deatils where name like '%jeans';

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

| name | category | price | brand | rating |

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

| Balck-jeans | Clothing | 1000 | Puma | 4.0 |

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

| Blue-jeans | Clothing | 800 | Puma | 4.5 |

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

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

4 rows in set (0.00 sec)

mysql>

**3.get all details in name in Bourbon.**

mysql> insert into product\_deatils values('Bourbon-Small','food',30,'bourbon',4.8),('Bourbon with Extra Cookies','food',50,'milk',4.2);

Query OK, 2 rows affected (0.00 sec)

Records: 2 Duplicates: 0 Warnings: 0

mysql> desc product\_deatils;

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

| Field | Type | Null | Key | Default | Extra |

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

| name | varchar(100) | YES | | NULL | |

| category | varchar(100) | YES | | NULL | |

| price | int | YES | | NULL | |

| brand | varchar(100) | YES | | NULL | |

| rating | float(2,1) | YES | | NULL | |

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

5 rows in set (0.00 sec)

mysql> select \* from product\_deatils;

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

| name | category | price | brand | rating |

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

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

| Balck-jeans | Clothing | 1000 | Puma | 4.0 |

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

| Blue-jeans | Clothing | 800 | 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 |

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

7 rows in set (0.00 sec)

mysql> select \* from product\_deatils where name='Bourbon%';

Empty set (0.00 sec)

mysql> select \* from product\_deatils where name like 'Bourbon%';

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

| name | category | price | brand | rating |

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

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

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

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

2 rows in set (0.00 sec)

mysql>

**4.insert the table in chips.**

mysql> insert into product\_deatils values('Chips','food',102,'chips',5.0);

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 | 1000 | Puma | 4.0 |

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

| Blue-jeans | Clothing | 800 | 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 |

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

8 rows in set (0.00 sec)

mysql> select \* from product\_deatils where name='Chips';

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

| name | category | price | brand | rating |

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

| Chips | food | 102 | chips | 5.0 |

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

1 row in set (0.00 sec)

mysql>

**5.get the product\_deatils using metching**

mysql> select \* from product\_deatils where name like '%h\_r\_';

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

| name | category | price | brand | rating |

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

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

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

1 row in set (0.00 sec)

mysqlt>

**6.less the or equal to 1000.**

mysql> select \* from product\_deatils where price <=1000;

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

| name | category | price | brand | rating |

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

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

| Balck-jeans | Clothing | 1000 | Puma | 4.0 |

| Blue-jeans | Clothing | 800 | 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>

**7.get all details in product and get only rating field only values is 4.0,**

mysql> select \* from product\_deatils where rating=4.0;

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

| name | category | price | brand | rating |

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

| Balck-jeans | Clothing | 1000 | Puma | 4.0 |

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

1 row in set (0.00 sec)

mysql>