Flipkart database

Customer- table ……no. of records(row)

Orders-table----no of records(row)

Employee- table---no. of records(row)

create table customer2(customer\_id int not null,customer\_name varchar(20),address varchar(20),city varchar(20),mobile varchar(10),postacode int,county varchar(20),primary key(customer\_id));

CREATE TABLE Orders2 (OrderID int NOT NULL,OrderNumber int NOT NULL,customerid int,PRIMARY KEY (OrderID),FOREIGN KEY (customerid) REFERENCES customer2(customer

SELECT column1, column2, ...  
FROM table\_name  
ORDER BY column1, column2, ... ASC|DESC;

SELECT \* FROM customer2 ORDER BY customer\_name DESC;

Enter password: \*\*\*\*

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 14

Server version: 8.0.29 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> show databases;

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

| Database |

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

| ai |

| aii |

| amazon |

| college |

| flipkart |

| htg |

| information\_schema |

| mysql |

| performance\_schema |

| rammegecollege |

| sakila |

| sipnacollege |

| sys |

| university |

| world |

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

15 rows in set (0.02 sec)

mysql> use rammegecollege

Database changed

mysql> show tables;

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

| Tables\_in\_rammegecollege |

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

| customer |

| employee |

| student1 |

| student2 |

| student3 |

| student4 |

| student5 |

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

7 rows in set (0.01 sec)

mysql> student5

-> ;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'student5' at line 1

mysql> select \* from student5;

Empty set (0.00 sec)

mysql> select \* from student4;

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

| student\_id | student\_name | percentage | student\_result |

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

| 1001 | Anuja | 82 | pass |

| 1002 | madhuri | 78 | pass |

| 1003 | madhuri | 78 | pass |

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

3 rows in set (0.00 sec)

mysql> desc student4;

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

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

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

| student\_id | int | NO | PRI | NULL | |

| student\_name | varchar(20) | NO | | NULL | |

| percentage | int | YES | | NULL | |

| student\_result | varchar(10) | YES | | NULL | |

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

4 rows in set (0.01 sec)

mysql> show tables;

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

| Tables\_in\_rammegecollege |

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

| customer |

| employee |

| student1 |

| student2 |

| student3 |

| student4 |

| student5 |

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

7 rows in set (0.00 sec)

mysql> desc customer;

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

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

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

| customer\_id | int | YES | | NULL | |

| customer\_name | varchar(20) | YES | | NULL | |

| contact\_name | varchar(20) | YES | | NULL | |

| address | varchar(20) | YES | | NULL | |

| city | varchar(20) | YES | | NULL | |

| postalcode | int | YES | | NULL | |

| country | varchar(20) | YES | | NULL | |

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

7 rows in set (0.00 sec)

mysql> select \* from customer;

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

| customer\_id | customer\_name | contact\_name | address | city | postalcode | country |

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

| 1001 | sumit | arode | navathe Amravati | amravati | 444604 | india |

| 1003 | ABHIJEET | NULL | rAJ Amravati | Nagpur | 444604 | NULL |

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

2 rows in set (0.00 sec)

mysql> create table customers(customer\_id int not null,customer\_name varchar(20),address varchar(20),city varchar(20),mobile varchar(10),postacode int,county varchar(20));

Query OK, 0 rows affected (0.06 sec)

mysql> create table customer2(customer\_id int not null,customer\_name varchar(20),address varchar(20),city varchar(20),mobile varchar(10),postacode int,county varchar(20),primary key(customer\_id));

Query OK, 0 rows affected (0.05 sec)

mysql> desc customer2;

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

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

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

| customer\_id | int | NO | PRI | NULL | |

| customer\_name | varchar(20) | YES | | NULL | |

| address | varchar(20) | YES | | NULL | |

| city | varchar(20) | YES | | NULL | |

| mobile | varchar(10) | YES | | NULL | |

| postacode | int | YES | | NULL | |

| county | varchar(20) | YES | | NULL | |

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

7 rows in set (0.00 sec)

mysql> CREATE TABLE Orders (OrderID int NOT NULL,OrderNumber int NOT NULL,customerid int,PRIMARY KEY (OrderID));

Query OK, 0 rows affected (0.03 sec)

mysql> insert into Orders values(10001,121,122);

Query OK, 1 row affected (0.01 sec)

mysql> select \* from customer2;

Empty set (0.01 sec)

mysql> insert into customer2 values(1,"sumit","rajkamal","amravati","909630941",444601,"india");

Query OK, 1 row affected (0.00 sec)

mysql> insert into customer2 values(2,"rushmit","rajkamal","amravati","909941",444601,"india");

Query OK, 1 row affected (0.00 sec)

mysql> insert into customer2 values(3,"hritik","rajkamal","amravati","923309941",444601,"india");

Query OK, 1 row affected (0.00 sec)

mysql> insert into customer2 values(4,"jeet","rajkamal","amravati","923309941",444601,"india");

Query OK, 1 row affected (0.00 sec)

mysql> select \* from customer2;

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

| customer\_id | customer\_name | address | city | mobile | postacode | county |

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

| 1 | sumit | rajkamal | amravati | 909630941 | 444601 | india |

| 2 | rushmit | rajkamal | amravati | 909941 | 444601 | india |

| 3 | hritik | rajkamal | amravati | 923309941 | 444601 | india |

| 4 | jeet | rajkamal | amravati | 923309941 | 444601 | india |

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

4 rows in set (0.00 sec)

mysql> select \* from orders;

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

| OrderID | OrderNumber | customerid |

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

| 10001 | 121 | 122 |

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

1 row in set (0.00 sec)

mysql> insert into Orders values(10001,11,122);

ERROR 1062 (23000): Duplicate entry '10001' for key 'orders.PRIMARY'

mysql> insert into Orders values(10002,11,122);

Query OK, 1 row affected (0.01 sec)

mysql> select \* from orders;

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

| OrderID | OrderNumber | customerid |

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

| 10001 | 121 | 122 |

| 10002 | 11 | 122 |

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

2 rows in set (0.00 sec)

mysql> CREATE TABLE Orders2 (OrderID int NOT NULL,OrderNumber int NOT NULL,customerid int,PRIMARY KEY (OrderID),FOREIGN KEY (customerid) REFERENCES customer2(customer\_id));

Query OK, 0 rows affected (0.07 sec)

mysql> desc Orders2;

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

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

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

| OrderID | int | NO | PRI | NULL | |

| OrderNumber | int | NO | | NULL | |

| customerid | int | YES | MUL | NULL | |

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

3 rows in set (0.01 sec)

mysql> insert into Orders2 values(10002,11,122);

ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails (`rammegecollege`.`orders2`, CONSTRAINT `orders2\_ibfk\_1` FOREIGN KEY (`customerid`) REFERENCES `customer2` (`customer\_id`))

mysql> insert into customer2 values(122,"madhuri","rajkamal","amravati","9233509941",444601,"india");

Query OK, 1 row affected (0.01 sec)

mysql> insert into Orders2 values(10002,11,122);

Query OK, 1 row affected (0.01 sec)

mysql> insert into Orders2 values(10002,11,121);

ERROR 1062 (23000): Duplicate entry '10002' for key 'orders2.PRIMARY'

mysql> insert into Orders2 values(10003,11,121);

ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails (`rammegecollege`.`orders2`, CONSTRAINT `orders2\_ibfk\_1` FOREIGN KEY (`customerid`) REFERENCES `customer2` (`customer\_id`))

mysql> insert into customer2 values(121,"anuja","ramal","amravati","9233509941",444601,"india");

Query OK, 1 row affected (0.00 sec)

mysql> select \* from orders;

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

| OrderID | OrderNumber | customerid |

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

| 10001 | 121 | 122 |

| 10002 | 11 | 122 |

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

2 rows in set (0.00 sec)

mysql> insert into Orders2 values(10003,11,121);

Query OK, 1 row affected (0.00 sec)

mysql> select \* from orders2;

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

| OrderID | OrderNumber | customerid |

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

| 10002 | 11 | 122 |

| 10003 | 11 | 121 |

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

2 rows in set (0.00 sec)

mysql> select \* from customer2;

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

| customer\_id | customer\_name | address | city | mobile | postacode | county |

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

| 1 | sumit | rajkamal | amravati | 909630941 | 444601 | india |

| 2 | rushmit | rajkamal | amravati | 909941 | 444601 | india |

| 3 | hritik | rajkamal | amravati | 923309941 | 444601 | india |

| 4 | jeet | rajkamal | amravati | 923309941 | 444601 | india |

| 121 | anuja | ramal | amravati | 9233509941 | 444601 | india |

| 122 | madhuri | rajkamal | amravati | 9233509941 | 444601 | india |

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

6 rows in set (0.00 sec)

mysql> insert into Orders2 values(10005,15,5);

ERROR 1452 (23000): Cannot add or update a child row: a foreign key constraint fails (`rammegecollege`.`orders2`, CONSTRAINT `orders2\_ibfk\_1` FOREIGN KEY (`customerid`) REFERENCES `customer2` (`customer\_id`))

mysql> insert into Orders2 values(10005,15,4);

Query OK, 1 row affected (0.00 sec)

mysql> SELECT \* FROM customer2 ORDER BY customer\_name DESC;

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

| customer\_id | customer\_name | address | city | mobile | postacode | county |

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

| 1 | sumit | rajkamal | amravati | 909630941 | 444601 | india |

| 2 | rushmit | rajkamal | amravati | 909941 | 444601 | india |

| 122 | madhuri | rajkamal | amravati | 9233509941 | 444601 | india |

| 4 | jeet | rajkamal | amravati | 923309941 | 444601 | india |

| 3 | hritik | rajkamal | amravati | 923309941 | 444601 | india |

| 121 | anuja | ramal | amravati | 9233509941 | 444601 | india |

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

6 rows in set (0.00 sec)

mysql> SELECT \* FROM customer2 ORDER BY customer\_name asc;

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

| customer\_id | customer\_name | address | city | mobile | postacode | county |

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

| 121 | anuja | ramal | amravati | 9233509941 | 444601 | india |

| 3 | hritik | rajkamal | amravati | 923309941 | 444601 | india |

| 4 | jeet | rajkamal | amravati | 923309941 | 444601 | india |

| 122 | madhuri | rajkamal | amravati | 9233509941 | 444601 | india |

| 2 | rushmit | rajkamal | amravati | 909941 | 444601 | india |

| 1 | sumit | rajkamal | amravati | 909630941 | 444601 | india |

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

6 rows in set (0.00 sec)

mysql> SELECT \* FROM customer2 ORDER BY customer\_name DESC;

SELECT column1, column2, ...  
FROM table\_name  
WHERE columnN LIKE pattern;

SELECT \* FROM customer2 WHERE customer\_name LIKE “a%”;