**MySql\_Examination**

**Task- 1:**

Create two tables: users and orders.

Each user can have multiple orders.

Write a SQL query to fetch the names of users along with the total number of orders they have placed.

USERS TABLE:

SELECT \* FROM USERS;

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

| USER\_ID | NAME | Email | Phone | Address |

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

| 1 | Lekha | mlekha@gmail.com | 56898 | Hyderabad |

| 2 | Shrilekha | mslekh2002a@gmail.com | 567548 | Hyderabad |

| 3 | Vaishnavi | vaishu@gmail.com | 234561 | Banglore |

| 4 | Sreya | sreya@gmail.com | 678903 | Tenali |

| 5 | Veena | veena23@gmail.com | 780099 | Guntur |

| 6 | Monuika | mounika@gmail.com | 567809 | Hyderabad |

| 7 | Priya | priya14@gmail.com | 234890 | Banglore |

| 8 | Shravya | shrava23@gmail.com | 906543 | Pune |

| 9 | Varnika | varnika@gmail.com | 780980 | Kakinada |

| 10 | Deepu | Deepu19@gmail.com | 678906 | Peddapuram |

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

10 rows in set (0.01 sec)

ORDERS TABLE:

SELECT \* FROM ORDERS;

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

| O\_ID | UID | ORDERDATE |

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

| 1 | 1 | 2024-01-01 |

| 2 | 1 | 2024-06-01 |

| 3 | 1 | 2023-02-02 |

| 4 | 2 | 2024-06-01 |

| 5 | 3 | 2023-02-02 |

| 6 | 3 | 2024-07-01 |

| 7 | 4 | 2023-03-02 |

| 8 | 4 | 2024-07-01 |

| 9 | 4 | 2023-05-02 |

| 10 | 5 | 2023-06-01 |

| 11 | 5 | 2023-02-06 |

| 12 | 6 | 2023-06-01 |

| 13 | 6 | 2022-02-02 |

| 14 | 6 | 2024-08-01 |

| 15 | 7 | 2021-02-02 |

| 16 | 8 | 2021-06-01 |

| 17 | 8 | 2022-02-02 |

| 18 | 8 | 2021-06-01 |

| 19 | 8 | 2022-02-02 |

| 20 | 9 | 2022-06-01 |

| 21 | 10 | 2022-02-02 |

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

Write a SQL query to fetch the names of users along with the total number of orders they have placed.

**SELECT USERS.NAME, COUNT(ORDERS.O\_ID) AS TOTALORDERS**

**-> FROM USERS**

**-> LEFT JOIN ORDERS ON USERS.USER\_ID = ORDERS.UID**

**-> GROUP BY USERS.USER\_ID,USERS.Name;**

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

**| NAME | TOTALORDERS |**

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

**| Lekha | 3 |**

**| Shrilekha | 1 |**

**| Vaishnavi | 2 |**

**| Sreya | 3 |**

**| Veena | 2 |**

**| Monuika | 3 |**

**| Priya | 1 |**

**| Shravya | 4 |**

**| Varnika | 1 |**

**| Deepu | 1 |**

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

**10 rows in set (0.01 sec)**

**Task-2:**

You are working with a database that stores information about students and their courses. There are three tables: students, courses, and enrollments.

Write a SQL query to display the names of students along with the courses they have enrolled in.

**SELECT \* FROM STUDENTS;**

**Empty set (0.00 sec)**

**mysql> INSERT INTO STUDENTS VALUES(1,'Lekha','F'),(2,'Shrilekha','F'),(3,'Vaishnav','M'),(4,'SreyaNSH','M'),(5,'Veena','F'),(6,'Deepu','M');**

**Query OK, 6 rows affected (0.01 sec)**

**Records: 6 Duplicates: 0 Warnings: 0**

**mysql> SELECT \* FROM STUDENTS;**

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

**| SID | SNAME | GENDER |**

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

**| 1 | Lekha | F |**

**| 2 | Shrilekha | F |**

**| 3 | Vaishnav | M |**

**| 4 | SreyaNSH | M |**

**| 5 | Veena | F |**

**| 6 | Deepu | M |**

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

**CREATE TABLE COURSE(CID INT(10) PRIMARY KEY,CNAME VARCHAR(100));**

**Query OK, 0 rows affected, 1 warning (0.04 sec)**

**SELECT \* FROM COURSE;**

**Empty set (0.00 sec)**

**mysql> INSERT INTO COURSE VALUES(1,'React.js'),(2,'JAVA'),(3,'PYTHON');**

**Query OK, 3 rows affected (0.01 sec)**

**Records: 3 Duplicates: 0 Warnings: 0**

**mysql> SELECT \* FROM COURSE;**

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

**| CID | CNAME |**

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

**| 1 | React.js |**

**| 2 | JAVA |**

**| 3 | PYTHON |**

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

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

**CREATE TABLE ENROLLMENT(EID INT(10) PRIMARY KEY,SID INT(10),CID INT(10),FOREIGN KEY(SID) REFERENCES STUDENTS(SID),FOREIGN KEY(CID) REFERENCES COURSE(CID));**

**Query OK, 0 rows affected, 3 warnings (0.07 sec)**

**mysql> SELECT \* FROM ENROLLMENT;**

**Empty set (0.00 sec)**

**INSERT INTO ENROLLMENT VALUES(1,1,1),(2,1,2),(3,2,1),(4,2,2),(5,2,3),(6,3,3);**

**Query OK, 6 rows affected (0.01 sec)**

**Records: 6 Duplicates: 0 Warnings: 0**

**mysql> SELECT \* FROM ENROLLMENT;**

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

**| EID | SID | CID |**

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

**| 1 | 1 | 1 |**

**| 2 | 1 | 2 |**

**| 3 | 2 | 1 |**

**| 4 | 2 | 2 |**

**| 5 | 2 | 3 |**

**| 6 | 3 | 3 |**

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

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

**SELECT STUDENTS.SNAME AS NAME,COURSE.CNAME**

**-> FROM STUDENTS**

**-> JOIN ENROLLMENT ON STUDENTS.SID=ENROLLMENT.SID**

**-> JOIN COURSE ON ENROLLMENT.CID=COURSE.CID;**

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

**| NAME | CNAME |**

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

**| Lekha | React.js |**

**| Shrilekha | React.js |**

**| Lekha | JAVA |**

**| Shrilekha | JAVA |**

**| Shrilekha | PYTHON |**

**| Vaishnav | PYTHON |**

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

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

**Task-3:**

You need to retrieve data from a database that tracks product sales. There are tables for products, sales, and customers.

Write a SQL query to show the total sales amount for each product category.

**CREATE TABLE CATEGORY(CID INT(10) PRIMARY KEY,CNAME VARCHAR(100));**

**Query OK, 0 rows affected, 2 warnings (0.05 sec)**

**mysql> SELECT \* FROM CATEGORY;**

**Empty set (0.00 sec)**

**DESCRIBE CATEGORY;**

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

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

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

**| CID | int | NO | PRI | NULL | |**

**| CNAME | varchar(100) | YES | | NULL | |**

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

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

**mysql> INSERT INTO CATEGORY VALUES(1,'SKINCARE'),(2,'HAIRCARE'),(3,'MAKEUP');**

**Query OK, 3 rows affected (0.01 sec)**

**Records: 3 Duplicates: 0 Warnings: 0**

**mysql> SELECT \* FROM CATEGORY;**

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

**| CID | CNAME |**

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

**| 1 | SKINCARE |**

**| 2 | HAIRCARE |**

**| 3 | MAKEUP |**

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

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

**CREATE TABLE PRODUCT(PID INT(10) PRIMARY KEY,PNMAE VARCHAR(100),CID INT(10),PRICE INT(10),FOREIGN KEY (CID) REFERENCES CATEGORY(CID));**

**Query OK, 0 rows affected, 3 warnings (0.07 sec)**

**mysql> SELECT \* FROM PRODUCT;**

**Empty set (0.00 sec)**

**mysql> DESCRIBE PRODUCT;**

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

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

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

**| PID | int | NO | PRI | NULL | |**

**| PNMAE | varchar(100) | YES | | NULL | |**

**| CID | int | YES | MUL | NULL | |**

**| PRICE | int | YES | | NULL | |**

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

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

**INSERT INTO PRODUCT VALUES(1,'MOISTURISER',1,600),(2,'SUNSCREEN',1,900),(3,'LIPMASK',1,700),(4,'HAIRMASK',2,1500),(5,'CONDITIONER',2,700),(6,'SCALPMASSAGER',2,300),(7,'FOUNDATION',3,2000),(8,'CONCEALER',3,1500),(9,'COLORCORRECTER',3,3500),(10,'BLUSH',3,3500);**

**Query OK, 10 rows affected (0.01 sec)**

**Records: 10 Duplicates: 0 Warnings: 0**

**mysql> SELECT \* FROM PRODUCT;**

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

**| PID | PNMAE | CID | PRICE |**

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

**| 1 | MOISTURISER | 1 | 600 |**

**| 2 | SUNSCREEN | 1 | 900 |**

**| 3 | LIPMASK | 1 | 700 |**

**| 4 | HAIRMASK | 2 | 1500 |**

**| 5 | CONDITIONER | 2 | 700 |**

**| 6 | SCALPMASSAGER | 2 | 300 |**

**| 7 | FOUNDATION | 3 | 2000 |**

**| 8 | CONCEALER | 3 | 1500 |**

**| 9 | COLORCORRECTER | 3 | 3500 |**

**| 10 | BLUSH | 3 | 3500 |**

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

**CREATE TABLE SALES(SID INT(10) PRIMARY KEY,PID INT(10),QUANTITY INT(10),SDATE INT(10),FOREIGN KEY (PID) REFERENCES PRODUCT(PID));**

**Query OK, 0 rows affected, 4 warnings (0.07 sec)**

**mysql> SELECT \* FROM SALES;**

**Empty set (0.00 sec)**

**mysql> DESCRIBE SALES;**

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

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

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

**| SID | int | NO | PRI | NULL | |**

**| PID | int | YES | MUL | NULL | |**

**| QUANTITY | int | YES | | NULL | |**

**| SDATE | int | YES | | NULL | |**

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

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

**ALTER TABLE SALES DROP COLUMN SDATE;**

**Query OK, 0 rows affected (0.03 sec)**

**Records: 0 Duplicates: 0 Warnings: 0**

**mysql> DESCRIBE SALES;**

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

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

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

**| SID | int | NO | PRI | NULL | |**

**| PID | int | YES | MUL | NULL | |**

**| QUANTITY | int | YES | | NULL | |**

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

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

**INSERT INTO SALES VALUES(1,1,100),(2,2,150),(3,3,200),(4,4,50),(5,5,75),(6,6,40),(7,7,100),(8,8,350),(9,9,100),(10,10,85);**

**Query OK, 10 rows affected (0.01 sec)**

**Records: 10 Duplicates: 0 Warnings: 0**

**mysql> SELECT \* FROM SALES;**

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

**| SID | PID | QUANTITY |**

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

**| 1 | 1 | 100 |**

**| 2 | 2 | 150 |**

**| 3 | 3 | 200 |**

**| 4 | 4 | 50 |**

**| 5 | 5 | 75 |**

**| 6 | 6 | 40 |**

**| 7 | 7 | 100 |**

**| 8 | 8 | 350 |**

**| 9 | 9 | 100 |**

**| 10 | 10 | 85 |**

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

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

**SELECT CATEGORY.CNAME, SUM(PRODUCT.PRICE \* SALES.QUANTITY) AS TOTAL**

**-> FROM CATEGORY**

**-> JOIN PRODUCT ON CATEGORY.CID = PRODUCT.PID**

**-> JOIN SALES ON PRODUCT.PID = SALES.PID**

**-> GROUP BY CATEGORY.CID,CATEGORY.CNAME;**

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

**| CNAME | TOTAL |**

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

**| SKINCARE | 60000 |**

**| HAIRCARE | 135000 |**

**| MAKEUP | 140000 |**

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

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

**Task-4:**

You have a database containing information about employees in a company.

Write a SQL query to list the names of employees along with their respective managers' names.

CREATE TABLE MANAGER(MID INT(10) PRIMARY KEY,MNAME VARCHAR(100));

Query OK, 0 rows affected, 1 warning (0.04 sec)

**mysql> DESCRIBE MANAGER;**

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

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

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

**| MID | int | NO | PRI | NULL | |**

**| MNAME | varchar(100) | YES | | NULL | |**

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

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

**mysql> CREATE TABLE EMP(EID INT(10) PRIMARY KEY,ENAME VARCHAR(100),MID INT(10),FOREIGN KEY (MID) REFERENCES MANAGER(MID));**

**Query OK, 0 rows affected, 2 warnings (0.07 sec)**

**mysql> DESCRIBE EMP;**

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

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

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

**| EID | int | NO | PRI | NULL | |**

**| ENAME | varchar(100) | YES | | NULL | |**

**| MID | int | YES | MUL | NULL | |**

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

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

**SELECT \* FROM MANAGER;**

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

**| MID | MNAME |**

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

**| 1 | ANUHYA |**

**| 2 | DURGA |**

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

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

**mysql> INSERT INTO EMP VALUES(1,'LEKHA',1),(2,'VAISHU',1),(3,'SHRI',2),(4,'DEEPU',2),(5,'SREYE',2);**

**Query OK, 5 rows affected (0.01 sec)**

**Records: 5 Duplicates: 0 Warnings: 0**

**mysql> SELECT \* FROM EMP;**

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

**| EID | ENAME | MID |**

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

**| 1 | LEKHA | 1 |**

**| 2 | VAISHU | 1 |**

**| 3 | SHRI | 2 |**

**| 4 | DEEPU | 2 |**

**| 5 | SREYE | 2 |**

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

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

**mysql> SELECT EMP.ENAME,MANAGER.MNAME**

**-> FROM EMP**

**-> JOIN MANAGER ON EMP.MID = MANAGER.MID;**

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

**| ENAME | MNAME |**

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

**| LEKHA | ANUHYA |**

**| VAISHU | ANUHYA |**

**| SHRI | DURGA |**

**| DEEPU | DURGA |**

**| SREYE | DURGA |**

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

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

**Task-5:**

You are managing a database for an online store.

Write a query to retrieve the top 10 bestselling products based on the total number of units sold.

**SELECT PRODUCT.PNMAE, SUM(SALES.QUANTITY) AS TOTAL**

**-> FROM PRODUCT**

**-> JOIN SALES ON PRODUCT.PID = SALES.PID**

**-> GROUP BY PRODUCT.PID,PRODUCT.PNMAE;**

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

**| PNMAE | TOTAL |**

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

**| MOISTURISER | 100 |**

**| SUNSCREEN | 150 |**

**| LIPMASK | 200 |**

**| HAIRMASK | 50 |**

**| CONDITIONER | 75 |**

**| SCALPMASSAGER | 40 |**

**| FOUNDATION | 100 |**

**| CONCEALER | 350 |**

**| COLORCORRECTER | 100 |**

**| BLUSH | 85 |**

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

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

**Task-6:**

You have tables for students, courses, and grades.

Write a SQL query to display the average grade for each student.

**CREATE TABLE GRADES(GID INT(10) PRIMARY KEY,SID INT(10),CID INT(10),GRADE DECIMAL(5,2),FOREIGN KEY (SID) REFERENCES STUDENTS(SID),FOREIGN KEY (CID) REFERENCES COURSE(CID));**

**Query OK, 0 rows affected, 3 warnings (0.08 sec)**

**mysql> DESCRIBE GRADES;**

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

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

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

**| GID | int | NO | PRI | NULL | |**

**| SID | int | YES | MUL | NULL | |**

**| CID | int | YES | MUL | NULL | |**

**| GRADE | decimal(5,2) | YES | | NULL | |**

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

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

**mysql> SELECT \* FROM STUDENTS;**

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

**| SID | SNAME | GENDER |**

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

**| 1 | Lekha | F |**

**| 2 | Shrilekha | F |**

**| 3 | Vaishnav | M |**

**| 4 | SreyaNSH | M |**

**| 5 | Veena | F |**

**| 6 | Deepu | M |**

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

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

**mysql> SELECT \* FROM COURSES;**

**ERROR 1146 (42S02): Table 'music\_streaming\_system.courses' doesn't exist**

**mysql> SELECT \* FROM COURSE;**

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

**| CID | CNAME |**

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

**| 1 | React.js |**

**| 2 | JAVA |**

**| 3 | PYTHON |**

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

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

**INSERT INTO GRADES VALUES(1,1,1,85.00);**

**Query OK, 1 row affected (0.01 sec)**

**mysql> SELECT \* FROM GRADES;**

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

**| GID | SID | CID | GRADE |**

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

**| 1 | 1 | 1 | 85.00 |**

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

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

**mysql> INSERT INTO GRADES VALUES(2,1,2,80.00),(3,1,3,88.00),(4,2,1,80.00),(5,2,2,70.00),(6,2,3,90.00),(7,3,1,85.00),(8,3,2,95.00),(9,3,3,68.00);**

**Query OK, 8 rows affected (0.02 sec)**

**Records: 8 Duplicates: 0 Warnings: 0**

**mysql> SELECT \* FROM GRADES;**

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

**| GID | SID | CID | GRADE |**

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

**| 1 | 1 | 1 | 85.00 |**

**| 2 | 1 | 2 | 80.00 |**

**| 3 | 1 | 3 | 88.00 |**

**| 4 | 2 | 1 | 80.00 |**

**| 5 | 2 | 2 | 70.00 |**

**| 6 | 2 | 3 | 90.00 |**

**| 7 | 3 | 1 | 85.00 |**

**| 8 | 3 | 2 | 95.00 |**

**| 9 | 3 | 3 | 68.00 |**

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

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

**SELECT STUDENTS.SID,STUDENTS.SNAME, AVG(GRADES.GRADE) AS AVERAGEGRADE**

**-> FROM STUDENTS**

**-> JOIN GRADES**

**-> ON STUDENTS.SID = GRADES.GID**

**-> GROUP BY STUDENTS.SID,STUDENTS.SNAME;**

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

**| SID | SNAME | AVERAGEGRADE |**

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

**| 1 | Lekha | 85.000000 |**

**| 2 | Shrilekha | 80.000000 |**

**| 3 | Vaishnav | 88.000000 |**

**| 4 | SreyaNSH | 80.000000 |**

**| 5 | Veena | 70.000000 |**

**| 6 | Deepu | 90.000000 |**

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

**6 rows in set (0.01 sec)**

**Task-7:**

You are working with a database for a social media platform.

Write a query to show the users who have the most friends.

**SELECT \* FROM USERS;**

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

**| USER\_ID | NAME | Email | Phone | Address |**

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

**| 1 | Lekha | mlekha@gmail.com | 56898 | Hyderabad |**

**| 2 | Shrilekha | mslekh2002a@gmail.com | 567548 | Hyderabad |**

**| 3 | Vaishnavi | vaishu@gmail.com | 234561 | Banglore |**

**| 4 | Sreya | sreya@gmail.com | 678903 | Tenali |**

**| 5 | Veena | veena23@gmail.com | 780099 | Guntur |**

**| 6 | Monuika | mounika@gmail.com | 567809 | Hyderabad |**

**| 7 | Priya | priya14@gmail.com | 234890 | Banglore |**

**| 8 | Shravya | shrava23@gmail.com | 906543 | Pune |**

**| 9 | Varnika | varnika@gmail.com | 780980 | Kakinada |**

**| 10 | Deepu | Deepu19@gmail.com | 678906 | Peddapuram |**

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

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

**mysql> CREATE TABLE USER AS SELECT USER\_ID,NAME FROM USERS;**

**Query OK, 10 rows affected (0.04 sec)**

**Records: 10 Duplicates: 0 Warnings: 0**

**mysql> SELECT \* FROM USER;**

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

**| USER\_ID | NAME |**

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

**| 1 | Lekha |**

**| 2 | Shrilekha |**

**| 3 | Vaishnavi |**

**| 4 | Sreya |**

**| 5 | Veena |**

**| 6 | Monuika |**

**| 7 | Priya |**

**| 8 | Shravya |**

**| 9 | Varnika |**

**| 10 | Deepu |**

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

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

**mysql> ALTER TABLE USER ADD PRIMARY KEY(USER\_ID);**

**Query OK, 0 rows affected (0.12 sec)**

**Records: 0 Duplicates: 0 Warnings: 0**

**INSERT INTO FRIENS VALUES(1,1,180),(2,2,90),(3,3,89),(4,4,67),(5,5,234),(6,6,90),(7,7,56),(8,8,34),(9,9,100),(10,10,78);**

**Query OK, 10 rows affected (0.01 sec)**

**Records: 10 Duplicates: 0 Warnings: 0**

**mysql> SELECT \* FROM FRIENS;**

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

**| FID | UID | TOTAL |**

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

**| 1 | 1 | 180 |**

**| 2 | 2 | 90 |**

**| 3 | 3 | 89 |**

**| 4 | 4 | 67 |**

**| 5 | 5 | 234 |**

**| 6 | 6 | 90 |**

**| 7 | 7 | 56 |**

**| 8 | 8 | 34 |**

**| 9 | 9 | 100 |**

**| 10 | 10 | 78 |**

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

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

**SELECT USER.NAME,SUM(FRIENS.TOTAL) AS TOT**

**-> FROM USER**

**-> JOIN FRIENS**

**-> ON USER.USER\_ID = FRIENS.UID**

**-> GROUP BY USER.NAME**

**-> ORDER BY TOT DESC;**

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

**| NAME | TOT |**

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

**| Veena | 234 |**

**| Lekha | 180 |**

**| Varnika | 100 |**

**| Shrilekha | 90 |**

**| Monuika | 90 |**

**| Vaishnavi | 89 |**

**| Deepu | 78 |**

**| Sreya | 67 |**

**| Priya | 56 |**

**| Shravya | 34 |**

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

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

**Task-8:**

You have tables for employees and departments.

Write a query to display the department names along with the total number of employees in each department.

**CREATE TABLE DEPT(DEPTID INT(10) PRIMARY KEY,DNAME VARCHAR(100));**

**Query OK, 0 rows affected, 1 warning (0.04 sec)**

**mysql> DESCRIBE DEPT;**

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

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

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

**| DEPTID | int | NO | PRI | NULL | |**

**| DNAME | varchar(100) | YES | | NULL | |**

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

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

**mysql> INSERT INTO DEPT VALUES(1,'HR'),(2,'DEVELOPER'),(3,'FINANCE');**

**Query OK, 3 rows affected (0.01 sec)**

**Records: 3 Duplicates: 0 Warnings: 0**

**mysql> SELECT \*N FROM DEPT;**

**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 'N FROM DEPT' at line 1**

**mysql> SELECT \* FROM DEPT;**

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

**| DEPTID | DNAME |**

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

**| 1 | HR |**

**| 2 | DEVELOPER |**

**| 3 | FINANCE |**

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

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

**CREATE TABLE EMPLOYEE(EID INT(10) PRIMARY KEY,ENAME VARCHAR(100),DID INT(100),FOREIGN KEY (DID) REFERENCES DEPT(DEPTID));**

**Query OK, 0 rows affected, 2 warnings (0.07 sec)**

**INSERT INTO EMPLOYEE VALUES(1,'LEKHA',1),(2,'SHRI',1),(3,'VEENA',2),(4,'VARNIKA',3),(5,'VENU',3);**

**Query OK, 5 rows affected (0.02 sec)**

**Records: 5 Duplicates: 0 Warnings: 0**

**mysql> SELECT \* FROM EMPLOYEE;**

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

**| EID | ENAME | DID |**

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

**| 1 | LEKHA | 1 |**

**| 2 | SHRI | 1 |**

**| 3 | VEENA | 2 |**

**| 4 | VARNIKA | 3 |**

**| 5 | VENU | 3 |**

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

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

**SELECT DEPT.DNAME, COUNT(EMPLOYEE.EID)**

**-> FROM DEPT**

**-> LEFT JOIN EMPLOYEE**

**-> ON DEPT.DEPTID = EMPLOYEE.DID**

**-> GROUP BY DEPT.DEPTID,DEPT.DNAME;**

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

**| DNAME | COUNT(EMPLOYEE.EID) |**

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

**| HR | 2 |**

**| DEVELOPER | 1 |**

**| FINANCE | 2 |**

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

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

**Task-9:**

You need to retrieve data from a database tracking product inventory.

Write a query to display products with low stock (less than 10 units).

**mysql> SELECT \* FROM PRODUCT;**

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

**| PID | PNMAE | CID | PRICE |**

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

**| 1 | MOISTURISER | 1 | 600 |**

**| 2 | SUNSCREEN | 1 | 900 |**

**| 3 | LIPMASK | 1 | 700 |**

**| 4 | HAIRMASK | 2 | 1500 |**

**| 5 | CONDITIONER | 2 | 700 |**

**| 6 | SCALPMASSAGER | 2 | 300 |**

**| 7 | FOUNDATION | 3 | 2000 |**

**| 8 | CONCEALER | 3 | 1500 |**

**| 9 | COLORCORRECTER | 3 | 3500 |**

**| 10 | BLUSH | 3 | 3500 |**

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

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

**mysql> SELECT \* FROM SALES;**

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

**| SID | PID | QUANTITY |**

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

**| 1 | 1 | 100 |**

**| 2 | 2 | 150 |**

**| 3 | 3 | 200 |**

**| 4 | 4 | 50 |**

**| 5 | 5 | 75 |**

**| 6 | 6 | 40 |**

**| 7 | 7 | 100 |**

**| 8 | 8 | 350 |**

**| 9 | 9 | 100 |**

**| 10 | 10 | 85 |**

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

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

**mysql> UPDATE SALES SET QUANTITY = 10 WHERE QUANTITY<100;**

**Query OK, 4 rows affected (0.01 sec)**

**Rows matched: 4 Changed: 4 Warnings: 0**

**mysql> SELECT \* FROM SALES;**

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

**| SID | PID | QUANTITY |**

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

**| 1 | 1 | 100 |**

**| 2 | 2 | 150 |**

**| 3 | 3 | 200 |**

**| 4 | 4 | 10 |**

**| 5 | 5 | 10 |**

**| 6 | 6 | 10 |**

**| 7 | 7 | 100 |**

**| 8 | 8 | 350 |**

**| 9 | 9 | 100 |**

**| 10 | 10 | 10 |**

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

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

**mysql> SELECT PRODUCT.PNMAE,SALES.QUANTITY**

**-> FROM PRODUCT**

**-> LEFT JOIN SALES**

**-> ON PRODUCT.PID = SALES.PID**

**-> WHERE QUANTITY<10;**

**Empty set (0.00 sec)**

**mysql> UPDATE SALES SET QUANTITY = 3 WHERE SID=6;**

**Query OK, 1 row affected (0.01 sec)**

**Rows matched: 1 Changed: 1 Warnings: 0**

**mysql> SELECT \* FROM SALES;**

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

**| SID | PID | QUANTITY |**

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

**| 1 | 1 | 100 |**

**| 2 | 2 | 150 |**

**| 3 | 3 | 200 |**

**| 4 | 4 | 10 |**

**| 5 | 5 | 10 |**

**| 6 | 6 | 3 |**

**| 7 | 7 | 100 |**

**| 8 | 8 | 350 |**

**| 9 | 9 | 100 |**

**| 10 | 10 | 10 |**

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

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

**mysql> UPDATE SALES SET QUANTITY = 5 WHERE SID=5;**

**Query OK, 1 row affected (0.01 sec)**

**Rows matched: 1 Changed: 1 Warnings: 0**

**mysql> UPDATE SALES SET QUANTITY = 4 WHERE SID=10;**

**Query OK, 1 row affected (0.01 sec)**

**Rows matched: 1 Changed: 1 Warnings: 0**

**mysql> SELECT \* FROM SALES;**

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

**| SID | PID | QUANTITY |**

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

**| 1 | 1 | 100 |**

**| 2 | 2 | 150 |**

**| 3 | 3 | 200 |**

**| 4 | 4 | 10 |**

**| 5 | 5 | 5 |**

**| 6 | 6 | 3 |**

**| 7 | 7 | 100 |**

**| 8 | 8 | 350 |**

**| 9 | 9 | 100 |**

**| 10 | 10 | 4 |**

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

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

**mysql> SELECT PRODUCT.PNMAE,SALES.QUANTITY**

**-> FROM SALES**

**-> LEFT JOIN PRODUCT**

**-> ON PRODUCT.PID = SALES.PID**

**-> WHERE SALES.QUANTITY<10;**

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

**| PNMAE | QUANTITY |**

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

**| CONDITIONER | 5 |**

**| SCALPMASSAGER | 3 |**

**| BLUSH | 4 |**

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

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

**Task-10:**

You have tables for customers and orders.

Write a query to show the average order value for each customer.

**SELECT \* FROM USERS;**

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

**| USER\_ID | NAME | Email | Phone | Address |**

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

**| 1 | Lekha | mlekha@gmail.com | 56898 | Hyderabad |**

**| 2 | Shrilekha | mslekh2002a@gmail.com | 567548 | Hyderabad |**

**| 3 | Vaishnavi | vaishu@gmail.com | 234561 | Banglore |**

**| 4 | Sreya | sreya@gmail.com | 678903 | Tenali |**

**| 5 | Veena | veena23@gmail.com | 780099 | Guntur |**

**| 6 | Monuika | mounika@gmail.com | 567809 | Hyderabad |**

**| 7 | Priya | priya14@gmail.com | 234890 | Banglore |**

**| 8 | Shravya | shrava23@gmail.com | 906543 | Pune |**

**| 9 | Varnika | varnika@gmail.com | 780980 | Kakinada |**

**| 10 | Deepu | Deepu19@gmail.com | 678906 | Peddapuram |**

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

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

**CREATE TABLE CUSTOMER AS SELECT USER\_iD,NAME FROM USERS;**

**Query OK, 10 rows affected (0.04 sec)**

**Records: 10 Duplicates: 0 Warnings: 0**

**mysql> SELECT \* FROM CUSTOMER;**

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

**| USER\_iD | NAME |**

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

**| 1 | Lekha |**

**| 2 | Shrilekha |**

**| 3 | Vaishnavi |**

**| 4 | Sreya |**

**| 5 | Veena |**

**| 6 | Monuika |**

**| 7 | Priya |**

**| 8 | Shravya |**

**| 9 | Varnika |**

**| 10 | Deepu |**

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

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

**mysql> ALTER TABLE CUSTOMER ADD PRIMARY KEY(USER\_ID);**

**Query OK, 0 rows affected (0.10 sec)**

**Records: 0 Duplicates: 0 Warnings: 0**

**mysql> DESCRIBE CUSTOMER;**

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

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

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

**| USER\_iD | int | NO | PRI | NULL | |**

**| NAME | varchar(100) | YES | | NULL | |**

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

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

**DESCRIBE ORD;**

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

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

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

**| OID | int | YES | | NULL | |**

**| UID | int | YES | | NULL | |**

**| OT | int | YES | | NULL | |**

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

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

**mysql> ALTER TABLE ORD ADD PRIMARY KEY(OID);**

**Query OK, 0 rows affected (0.06 sec)**

**Records: 0 Duplicates: 0 Warnings: 0**

**mysql> DESCRIBE ORD;**

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

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

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

**| OID | int | NO | PRI | NULL | |**

**| UID | int | YES | | NULL | |**

**| OT | int | YES | | NULL | |**

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

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

**mysql> ALTER TABLE ORD ADD FOREIGN KEY(UID) REFERENCES CUSTOMER(USER\_iD);**

**Query OK, 0 rows affected (0.11 sec)**

**Records: 0 Duplicates: 0 Warnings: 0**

**mysql> DESCRIBE ORD;**

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

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

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

**| OID | int | NO | PRI | NULL | |**

**| UID | int | YES | MUL | NULL | |**

**| OT | int | YES | | NULL | |**

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

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

**INSERT INTO ORD VALUES(1,1,200),(2,1,300),(3,2,200),(4,2,500),(5,3,700),(6,3,200),(7,4,600),(8,5,200),(9,6,900),(10,6,270),(11,6,380),(12,7,290),(13,7,540),(14,8,900),(15,9,670),(16,9,20),(17,10,300);**

**Query OK, 17 rows affected (0.01 sec)**

**Records: 17 Duplicates: 0 Warnings: 0**

**mysql> SELECT \* FROM ORD;**

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

**| OID | UID | OT |**

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

**| 1 | 1 | 200 |**

**| 2 | 1 | 300 |**

**| 3 | 2 | 200 |**

**| 4 | 2 | 500 |**

**| 5 | 3 | 700 |**

**| 6 | 3 | 200 |**

**| 7 | 4 | 600 |**

**| 8 | 5 | 200 |**

**| 9 | 6 | 900 |**

**| 10 | 6 | 270 |**

**| 11 | 6 | 380 |**

**| 12 | 7 | 290 |**

**| 13 | 7 | 540 |**

**| 14 | 8 | 900 |**

**| 15 | 9 | 670 |**

**| 16 | 9 | 20 |**

**| 17 | 10 | 300 |**

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

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

**SELECT CUSTOMER.USER\_iD, CUSTOMER.NAME,**

**-> AVG(ORD.OT) AS AVERAGE**

**-> FROM CUSTOMER**

**-> JOIN ORD**

**-> ON CUSTOMER.USER\_iD = ORD.UID**

**-> GROUP BY CUSTOMER.USER\_iD,CUSTOMER.NAME;**

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

**| USER\_iD | NAME | AVERAGE |**

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

**| 1 | Lekha | 250.0000 |**

**| 2 | Shrilekha | 350.0000 |**

**| 3 | Vaishnavi | 450.0000 |**

**| 4 | Sreya | 600.0000 |**

**| 5 | Veena | 200.0000 |**

**| 6 | Monuika | 516.6667 |**

**| 7 | Priya | 415.0000 |**

**| 8 | Shravya | 900.0000 |**

**| 9 | Varnika | 345.0000 |**

**| 10 | Deepu | 300.0000 |**

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

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

**Task-11:**

In a database storing movie information,

Write a query to show the top 5 highest-rated movies by users.

SELECT \* FROM ALBUMS;

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

**| ALBUM\_ID | Name | Artist\_ID | ReleaseDate | MusicDirector |**

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

**| 1 | Bobbili Raja | 1 | 1990 | RAJ-KOTI |**

**| 2 | Annamayya | 1 | 1997 | M.M.Keeravani |**

**| 3 | Kick | 2 | 2009 | Thaman |**

**| 4 | Ala Vaikunthapuramulo | 2 | 2020 | Thaman |**

**| 5 | Arya | 3 | 2004 | DSP |**

**| 6 | Legend | 3 | 2014 | DSP |**

**| 7 | Kshna Kshanam | 4 | 1991 | K.S.Chithra |**

**| 8 | Sye | 4 | 2004 | K.S.Chithra |**

**| 9 | Bali Peetam | 5 | 1959 | T.V.Raju |**

**| 10 | Maya Bazaar | 5 | 1957 | T.V.Raju |**

**| 11 | Shavukaru | 6 | 1950 | T.V.Raju |**

**| 12 | Missamma | 6 | 1955 | T.V.Raju |**

**| 13 | Pelli Samdadi | 7 | 1996 | A.R.Rahman |**

**| 14 | Bhookailas | 7 | 1958 | T.V.Raju |**

**| 15 | Savyasachi | 8 | 2018 | M.M.Keeravani |**

**| 16 | Venky Mama | 8 | 2019 | S.Thaman |**

**| 17 | Bangaram | 9 | 2006 | Ramana Gogula |**

**| 18 | Nvve Nuvve | 9 | 2002 | Ramana Gogula |**

**| 19 | Eega | 10 | 2012 | M.M.Keeravani |**

**| 20 | Sarainodu | 10 | 2016 | S.Thaman |**

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

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

**mysql> SELECT \* FROM MOVIE;**

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

**| ALBUM\_ID | Name |**

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

**| 1 | Bobbili Raja |**

**| 2 | Annamayya |**

**| 3 | Kick |**

**| 4 | Ala Vaikunthapuramulo |**

**| 5 | Arya |**

**| 6 | Legend |**

**| 7 | Kshna Kshanam |**

**| 8 | Sye |**

**| 9 | Bali Peetam |**

**| 10 | Maya Bazaar |**

**| 11 | Shavukaru |**

**| 12 | Missamma |**

**| 13 | Pelli Samdadi |**

**| 14 | Bhookailas |**

**| 15 | Savyasachi |**

**| 16 | Venky Mama |**

**| 17 | Bangaram |**

**| 18 | Nvve Nuvve |**

**| 19 | Eega |**

**| 20 | Sarainodu |**

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

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

**mysql> ALTER TABLE MOVIE ADD PRIMARY KEY(ALBUM\_ID);**

**Query OK, 0 rows affected (0.26 sec)**

**Records: 0 Duplicates: 0 Warnings: 0**

**mysql> DESCRIBE MOVIE;**

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

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

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

**| ALBUM\_ID | int | NO | PRI | NULL | |**

**| Name | varchar(100) | YES | | NULL | |**

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

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

**DESCRIBE RATING;**

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

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

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

**| RID | int | YES | | NULL | |**

**| MID | int | YES | | NULL | |**

**| UR | int | YES | | NULL | |**

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

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

**ALTER TABLE RATING ADD PRIMARY KEY(RID);**

**Query OK, 0 rows affected (0.09 sec)**

**Records: 0 Duplicates: 0 Warnings: 0**

**INSERT INTO RATING VALUES (1,1,3.0);**

**Query OK, 1 row affected (0.01 sec)**

**INSERT INTO RATING VALUES (2,2,4.5),(3,3,4.6),(4,4,4.8),(5,5,4.7),(6,6,4.9),(7,7,3),(8,8,2),(9,9,3.6),(10,10,3.5);**

**Query OK, 9 rows affected (0.01 sec)**

**Records: 9 Duplicates: 0 Warnings: 0**

**mysql> SELECT \* FROM RATING;**

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

**| RID | MID | UR |**

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

**| 1 | 1 | 3 |**

**| 2 | 2 | 5 |**

**| 3 | 3 | 5 |**

**| 4 | 4 | 5 |**

**| 5 | 5 | 5 |**

**| 6 | 6 | 5 |**

**| 7 | 7 | 3 |**

**| 8 | 8 | 2 |**

**| 9 | 9 | 4 |**

**| 10 | 10 | 4 |**

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

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

**SELECT MOVIE.Name,AVG(RATING.UR) AS RATINGS**

**-> FROM MOVIE**

**-> JOIN RATING**

**-> ON MOVIE.ALBUM\_ID = RATING.MID**

**-> GROUP BY MOVIE.ALBUM\_ID,MOVIE.Name**

**-> ORDER BY RATINGS DESC**

**-> LIMIT 5;**

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

**| Name | RATINGS |**

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

**| Annamayya | 5.0000 |**

**| Kick | 5.0000 |**

**| Ala Vaikunthapuramulo | 5.0000 |**

**| Arya | 5.0000 |**

**| Legend | 5.0000 |**

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

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

**Task-12:**

You have tables for invoices and payments.

Write a query to show the unpaid invoices and their total amount.

**mysql> CREATE TABLE INVOICE (ID INT(10) PRIMARY KEY, CID INT(10),IT INT(10),STATUS VARCHAR(100));**

**Query OK, 0 rows affected, 3 warnings (0.04 sec)**

**mysql> CREATE TABLE PAYMENTS(ID INT(10) PRIMARY KEY,IID INT(10),PAMT DECIMAL(5,2),FOREIGN KEY (IID) REFERENCES INVOICE(ID));**

**Query OK, 0 rows affected, 2 warnings (0.06 sec)**

**mysql> DESCRIBE INVOICE;**

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

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

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

**| ID | int | NO | PRI | NULL | |**

**| CID | int | YES | | NULL | |**

**| IT | int | YES | | NULL | |**

**| STATUS | varchar(100) | YES | | NULL | |**

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

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

**mysql> DESCRIBE PAYMENTS;**

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

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

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

**| ID | int | NO | PRI | NULL | |**

**| IID | int | YES | MUL | NULL | |**

**| PAMT | decimal(5,2) | YES | | NULL | |**

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

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

**at line 2**

**mysql> INSERT INTO INVOICE VALUES(1,1,5000,'PAID'),(2,2,3000,'UNPAID'),(3,3,6800,'PAID'),(4,4,7800,'UNPAID');**

**Query OK, 4 rows affected (0.01 sec)**

**Records: 4 Duplicates: 0 Warnings: 0**

**mysql> SELECT \* FROM INVOICE;**

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

**| ID | CID | IT | STATUS |**

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

**| 1 | 1 | 5000 | PAID |**

**| 2 | 2 | 3000 | UNPAID |**

**| 3 | 3 | 6800 | PAID |**

**| 4 | 4 | 7800 | UNPAID |**

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

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

**INSERT INTO PAYMENTS VALUES(1,1,50),(2,3,68);**

**Query OK, 2 rows affected (0.01 sec)**

**Records: 2 Duplicates: 0 Warnings: 0**

**mysql> SELECT \* FROM PAYMENTS;**

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

**| ID | IID | PAMT |**

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

**| 1 | 1 | 50.00 |**

**| 2 | 3 | 68.00 |**

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

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

**mysql> SELECT ID,IT FROM INVOICE WHERE STATUS='UNPAID';**

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

**| ID | IT |**

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

**| 2 | 3000 |**

**| 4 | 7800 |**

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

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