Lab Report 2

Perform the following tasks and display the output along with the SQL scripts.

1. Create a table with name “std1” and insert data into the table.

SQL Script:

```
Create table std1 (
        std_id INT PRIMARY KEY,
        std_name VARCHAR(40),
        Fees DECIMAL(10,3)
);
Insert into std1 (std_id, std_name, Fees)
Values
        (79001, “Subodh”, 32000),
        (79002, “Firoj”, 30000),
        (79003, “Priyanka”, 28000),
        (79004, “Dikchhya”, 32000);
```

Table:

Table is displayed using “Select” Command ➔ Select * from std1;

```
mysql> select * from std1;
+--------+----------+-----------+
| std_id | std_name | Fees      |
+--------+----------+-----------+
|  79001 | Subodh   | 32000.000 |
|  79002 | Firoj    | 30000.000 |
|  79003 | Priyanka | 28000.000 |
|  79004 | Dikchhya | 32000.000 |
+--------+----------+-----------+
4 rows in set (0.00 sec)
```

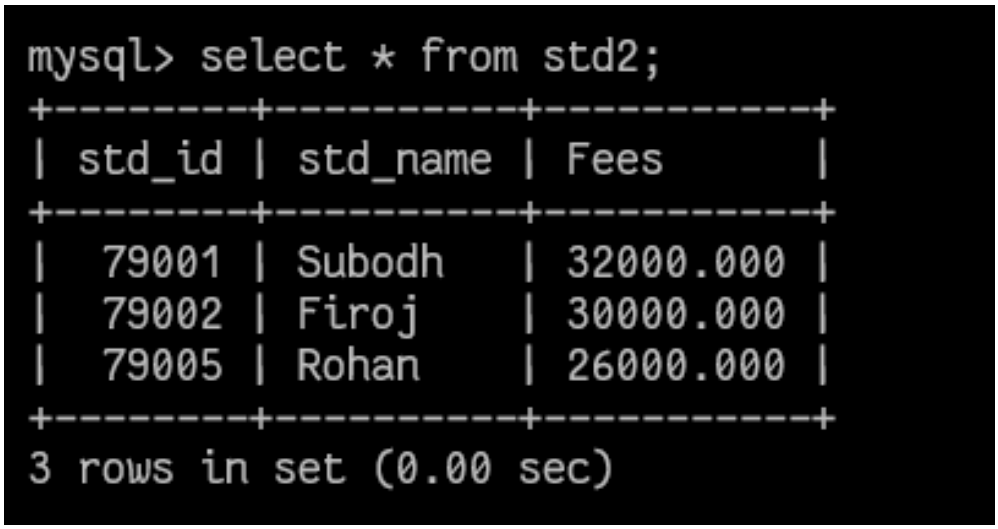
2. Create another table with name “std2” and insert data into the table.

SQL Script:

```
Create table std2 (
        std_id INT PRIMARY KEY,
        std_name VARCHAR(40),
        Fees DECIMAL(10,3)
);
Insert into std1 (std_id, std_name, Fees)
Values
        (79001, “Subodh”, 32000),
        (79002, “Firoj”, 30000),
        (79003, “Rohan”, 26000);
```

Table:

Table is displayed using “Select” Command ➔ Select * from std2;



```
mysql> select * from std2;
+--------+----------+-----------+
| std_id | std_name | Fees      |
+--------+----------+-----------+
|  79001 | Subodh   | 32000.000 |
|  79002 | Firoj    | 30000.000 |
|  79005 | Rohan    | 26000.000 |
+--------+----------+-----------+
3 rows in set (0.00 sec)
```

3. Perform Union and Intersect operations on table.

- Union

SQL Script:

```
Select * from std1
Union
Select * from std2;
```

Table:

```
mysql> select * from std1
    -> union
    -> select * from std2;
+--------+----------+-----------+
| std_id | std_name | Fees      |
+--------+----------+-----------+
|  79001 | Subodh   | 32000.000 |
|  79002 | Firoj    | 30000.000 |
|  79003 | Priyanka | 28000.000 |
|  79004 | Dikchhya | 32000.000 |
|  79005 | Rohan    | 26000.000 |
+--------+----------+-----------+
5 rows in set (0.00 sec)
```

- Intersect

SQL Script:

```
Select * from std1
Intersect
Select * from std2;
```

Table:

```
mysql> select * from std1
    -> intersect
    -> select * from std2;
+--------+----------+-----------+
| std_id | std_name | Fees      |
+--------+----------+-----------+
|  79001 | Subodh   | 32000.000 |
|  79002 | Firoj    | 30000.000 |
+--------+----------+-----------+
2 rows in set (0.00 sec)
```

4. Rename the table recently created and display the new names.

SQL Script:

alter table std1

rename to Students_1;

alter table std2

rename to Students_2;

Table:

Table is displayed using “Show” command ➔ Show tables;