Ex. No.: 7
Date:

SubQuery& Correlated Query

Sub-Query and Correlated Sub-Query:

1.   Which of the student's score is greater than the highest score?

```
mysql> select Name, Score from student where Score in(select Score from student where Score>50);
+----------+-------+
| Name     | Score |
+----------+-------+
| Tina     |    55 |
| Ragul    |    60 |
| Rehaankh |    65 |
| Fathima  |    70 |
| Ananya   |    75 |
| Abinaya  |    80 |
+----------+-------+
6 rows in set (0.01 sec)
```

2.   Which of the students' have written more than one assessment test?

```
mysql> select Name, TestCount from student where TestCount in(select TestCount from student where TestCount>1);
+---------+-----------+
| Name    | TestCount |
+---------+-----------+
| Hisham  |         2 |
| Shaman  |         4 |
| Fathima |         2 |
| Ananya  |         3 |
+---------+-----------+
4 rows in set (0.00 sec)
```

3.   Which faculty has joined recently and when?

```
mysql> select FacName, DOJ from faculty1 where DOJ in(select max(DOJ) from faculty1) order by DOJ desc;
+---------+------------+
| FacName | DOJ        |
+---------+------------+
| Ram     | 2020-12-12 |
| Mary    | 2020-12-12 |
+---------+------------+
2 rows in set (0.00 sec)
```

4.   List the course and score of assessments that have the value more than the average score each Course