**Ex.No : 7**

**SubQuery& Correlated Query**

**QUESTIONS:**

**Sub-Query and Correlated Sub-Query:**

1. Which of the student’s score is greater than the average score?

mysql> select \* from student where score>(select avg(score) from student);

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

| reg\_no | name | gender | dob | mobile\_no | city | score | course\_no |

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

| 192125114 | aashrita | f | 2004-06-29 | 8374170743 | vizag | 95 | C001 |

| 192110258 | kalyan | m | 2001-10-08 | 6305966742 | kurnool | 95 | C002 |

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

2 rows in set (0.01 sec)

1. Display the course description of the course which are having more than 2 students.

mysql> select course\_desc from course where course\_no in(select course\_no from student group by course\_no having count(\*)>2);

Empty set (0.00 sec)

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1. Which faculty has joined recently?

mysql> select fac\_no from faculty where doj=(select max(doj) from faculty);

+--------+

| fac\_no |

+--------+

| 101 |

+--------+

1 row in set (0.00 sec)

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

mysql> select course\_no,score from student where score>(select avg(score) from student);

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

| course\_no | score |

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

| C001 | 95 |

| C002 | 95 |

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

2 rows in set (0.00 sec)