**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 | course\_no | score |

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

| 191711306 | vasantha | f | 2005-02-22 | 9879871012 | salem | C002 | 75 |

| 191711342 | varshan | m | 2004-04-03 | 1234567899 | bangalore | C001 | 65 |

| 192211013 | sameera | f | 2003-11-09 | 9087654321 | chennai | C001 | 79 |

| 192211021 | raama | m | 2000-12-12 | 8797675727 | jaipur | C011 | 77 |

| 197123458 | gans | m | 1997-08-09 | 8957612345 | trichy | C001 | 67 |

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

5 rows in set (0.05 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);

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

| course\_desc |

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

| dbms |

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

1 row in set (0.01 sec)

1. Which faculty has joined recently and when?

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

+--------+

| fac\_no |

+--------+

| 1236 |

+--------+

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 |

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

| C002 | 75 |

| C001 | 65 |

| C001 | 79 |

| C011 | 77 |

| C001 | 67 |

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

5 rows in set (0.00 sec)