**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);

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

| regno | name    | gender | dob        | mobileno   | city    | courseno | score |

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

|   123 | magesh  | m      | 2022-09-08 | 1234567891 | chennai | c1       |    95 |

|   191 | sathish | f      | 2002-02-22 | 1423123423 | salem   | c2       |    79 |

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

2 rows in set (0.00 sec)

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

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

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

| coursedesc |

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

dbms       |

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

1 row in set (0.00 sec)

1. Which faculty has joined recently

mysql> select facno from faculty where doj=(select max(doj) from faculty);

+-------+

| facno |

+-------+

| f1    |

+-------+

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 courseno from student where score>(select avg(score) from student);

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

| courseno |

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

| c1       |

| c2       |

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

2 rows in set (0.08 sec)