NAME : praneeth

REGISTER NUMBER : 192125107

COURSE CODE : CSA0520

COURSE NAME : DATABASE MANAGEMENT FOR DATA ANALYTICS

Sub-Query and Correlated Sub-Query:

1.   Which of the student's score is greater than the highest score?
2.   Which of the students' have written more than one assessment test?
3.   Which faculty has joined recently and when?
4.   List the course and score of assessments that have the value
more than the average score eachCourse

OUTPUTS:
1)

```
mysql> select * from stud2 where marks>(select avg(marks) from stud2);
+-------+------+----------+-------+-----------+-----------+
| regno | name | courseno | marks | facultydoj | assements |
+-------+------+----------+-------+-----------+-----------+
|  1234 | nani | coo1     |    50 |      2001 |         5 |
|  1254 | ramu | coo1     |    50 |      2002 |         4 |
+-------+------+----------+-------+-----------+-----------+
2 rows in set (0.00 sec)
```

2)

```
mysql> select name from stud2 where assements>1;
+------+
| name |
+------+
| nani |
| ramu |
| ravi |
+------+
3 rows in set (0.00 sec)
```

3)

```
mysql> select * from faculty order by doj limit 1;
+-------+-------------+--------+------------+------------+------------+--------+
| FacNo | FacultyName | gender | Dob        | Doj        | Mobileno   | DeptNo |
+-------+-------------+--------+------------+------------+------------+--------+
| fo1   | chaithu     | m      | 0000-00-00 | 0000-00-00 | 2147483647 | cse    |
+-------+-------------+--------+------------+------------+------------+--------+
1 row in set (0.00 sec)
```

4)

```
mysql> select courseno,marks from stud2 where marks>(select avg(marks) from stud2) order by courseno;
+----------+-------+
| courseno | marks |
+----------+-------+
| coo1     |    50 |
| coo1     |    50 |
+----------+-------+
2 rows in set (0.00 sec)
```