mysql> create database assessment;

Query OK, 1 row affected (0.02 sec)

mysql> use assessment;

Database changed

mysql> create table assessment(register\_no int,name varchar(12),course\_no varchar(4),marks int,faculty\_id varchar(4),assessment int);

Query OK, 0 rows affected (0.01 sec)

mysql> insert into assessment values(192011273,'vinu','c001',90,'2001',1);

Query OK, 1 row affected (0.00 sec)

mysql> insert into assessment values(192011273,'vinu','c001',90,'2002',2);

Query OK, 1 row affected (0.02 sec)

mysql> insert into assessment values(192011273,'vinu','c002',70,'2002',1);

Query OK, 1 row affected (0.01 sec)

mysql> insert into assessment values(192011067,'divya','c001',70,'2001',1);

Query OK, 1 row affected (0.02 sec)

mysql> insert into assessment values(192011067,'divya','c002',79,'2001',1);

Query OK, 1 row affected (0.00 sec)

mysql> insert into assessment values(192011197,'manu','c002',80,'2002',2);

Query OK, 1 row affected (0.00 sec)

mysql> insert into assessment values(192011001,'gresh','c002',65,'2002',1);

Query OK, 1 row affected (0.01 sec)

mysql> insert into assessment values(192011001,'gresh','c001',98,'2001',2);

Query OK, 1 row affected (0.02 sec)

mysql> insert into assessment values(192011010,'sai','c001',92,'2001',1);

Query OK, 1 row affected (0.00 sec)

mysql> insert into assessment values(192011342,'niki','c002',39,'2003',2);

Query OK, 1 row affected (0.01 sec)

mysql> show \* from assessment;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '\* from assessment' at line 1

mysql> show \* from assessment;

ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '\* from assessment' at line 1

mysql> select \* from assessment;

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

| register\_no | name | course\_no | marks | faculty\_id | assessment |

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

| 192011273 | vinu | c001 | 90 | 2001 | 1 |

| 192011273 | vinu | c001 | 90 | 2002 | 2 |

| 192011273 | vinu | c002 | 70 | 2002 | 1 |

| 192011067 | divya | c001 | 70 | 2001 | 1 |

| 192011067 | divya | c002 | 79 | 2001 | 1 |

| 192011197 | manu | c002 | 80 | 2002 | 2 |

| 192011001 | gresh | c002 | 65 | 2002 | 1 |

| 192011001 | gresh | c001 | 98 | 2001 | 2 |

| 192011010 | sai | c001 | 92 | 2001 | 1 |

| 192011342 | niki | c002 | 39 | 2003 | 2 |

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

10 rows in set (0.00 sec)

mysql> select register\_no,name,marks from assessment where marks=(select max(high\_score) from (select register\_no,name ,max(marks) as high\_score from assessment order by high\_score) as high\_score);

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

| register\_no | name | marks |

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

| 192011001 | gresh | 98 |

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

1 row in set (0.00 sec)

mysql> select \* from assessment;

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

| register\_no | name | course\_no | marks | faculty\_id | assessment |

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

| 192011273 | vinu | c001 | 90 | 2001 | 1 |

| 192011273 | vinu | c001 | 90 | 2002 | 2 |

| 192011273 | vinu | c002 | 70 | 2002 | 1 |

| 192011067 | divya | c001 | 70 | 2001 | 1 |

| 192011067 | divya | c002 | 79 | 2001 | 1 |

| 192011197 | manu | c002 | 80 | 2002 | 2 |

| 192011001 | gresh | c002 | 65 | 2002 | 1 |

| 192011001 | gresh | c001 | 98 | 2001 | 2 |

| 192011010 | sai | c001 | 92 | 2001 | 1 |

| 192011342 | niki | c002 | 39 | 2003 | 2 |

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

10 rows in set (0.00 sec)

mysql> select register\_no,name,max(mycount) from(select register\_no,name,count(assessment) as mycount from assessment group by register\_no) as max\_count;

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

| register\_no | name | max(mycount) |

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

| 192011001 | gresh | 3 |

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

1 row in set (0.00 sec)

mysql> use faculty;

Database changed

mysql> select\*from fal;

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

| Faculty\_id | Fac\_Name | gender | DOB | DOJ | Mobile\_no | dept | age |

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

| 1221 | ESWAR | M | 2000-01-15 | 2012-01-13 | 7823228 | IT | 24 |

| 1451 | VENTHNA | F | 2004-06-27 | 2021-05-11 | 723458 | ECE | 57 |

| 2321 | RAM | M | 1983-05-01 | 2004-05-16 | 83235 | EEE | 34 |

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

3 rows in set (0.00 sec)

mysql> select \* from fal where DOJ =(select max(DOJ) from fal);

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

| Faculty\_id | Fac\_Name | gender | DOB | DOJ | Mobile\_no | dept | age |

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

| 1451 | VENTHNA | F | 2004-06-27 | 2021-05-11 | 723458 | ECE | 57 |

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

1 row in set (0.00 sec)

mysql> select \* from assessment;

ERROR 1146 (42S02): Table 'faculty.assessment' doesn't exist

mysql> use assessment;

Database changed

mysql> select \* from assessment;

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

| register\_no | name | course\_no | marks | faculty\_id | assessment |

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

| 192011273 | vinu | c001 | 90 | 2001 | 1 |

| 192011273 | vinu | c001 | 90 | 2002 | 2 |

| 192011273 | vinu | c002 | 70 | 2002 | 1 |

| 192011067 | divya | c001 | 70 | 2001 | 1 |

| 192011067 | divya | c002 | 79 | 2001 | 1 |

| 192011197 | manu | c002 | 80 | 2002 | 2 |

| 192011001 | gresh | c002 | 65 | 2002 | 1 |

| 192011001 | gresh | c001 | 98 | 2001 | 2 |

| 192011010 | sai | c001 | 92 | 2001 | 1 |

| 192011342 | niki | c002 | 39 | 2003 | 2 |

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

10 rows in set (0.00 sec)

mysql> select course\_no,marks,avg(marks) from assessment where marks > (select avg(marks) from assessment);

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

| course\_no | marks | avg(marks) |

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

| c001 | 90 | 88.1667 |

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

1 row in set (0.00 sec)