Day3 - Assignment

1. (a)create a student table with the following details (Assume your own datatypes for the data.

stu_id	Stu_name	sex	Tot_marks
10	Anu	Female	553
20	Anbu	Male	345
30	Malini	Female	567
40	Sankar	Male	590
50	varshan	Male	587

(a)Select the maximum marks of a student in the table
(b)Select the number of male and female students in the table.
(c)Select the average marks scored by male and female group of students in the table
(d) select all students who scored marks greater than the average mark of the students in the table
(e) Select the group of students who scored greater average marks than the average marks of the entire students in the table

2. (a)select all student details whose name value consists of exactly three characters.
(b)Display all students in ascending order of their sex and descending order of their marks.

3. Find the difference in marks between maximum and minimum in the class.
4. Create a view object for student table with name 'mytab' by assuming your own condition for the selection and demonstrate the role of 'with check option' for the created view.
5. Perform 3 insertions with student table and then set a savepoint s1. Again, perform any two deletion. Now check the execution effect of ROLLBACK to s1, commit followed by another Rollback.
6. Write a simple PL/SQL (Anonymous block) program to find the square and cube values for the given number;