SELECT Name From student Inner JOIN result ON student.Roll=result.Roll where CGPA > "3.80"

SELECT Distinct Name From student Inner JOIN result ON student.Roll=result.Roll where CGPA > "3.80"

SELECT student.Roll FROM student,result,ecredit WHERE student.Roll=result.Roll AND result.Roll=ecredit.Roll AND CGPA > 3.80 AND Credit> 50.00

SELECT DISTINCT student.Roll FROM student,result,ecredit WHERE student.Roll=result.Roll AND result.Roll=ecredit.Roll AND CGPA > 3.80 AND Credit> 50.00

Select \* From student,result,ecredit - 60 ashbe

SELECT E.name, M.location FROM employee E, employee M where E.manager=M.name

-employee self joining

Inner join:

select \* from student inner join result on student.roll=result.roll (4row,6col)

OR, select \* from student,result where student.roll=result.roll where Dept='ECE' order by Name

Outer join:

select \* from student left join result on student.roll=result.roll

## Q-1: show the name of these students only who have cgpa more than 3.80

Query: select student.name from student,result where student.roll=result.roll AND GPA>3.80

##Q-2: show the roll of these students who have earned more than 50 credits and got cgpa more than 3.80

Query: select student.Roll from student,result,ecredit where student.roll=result.roll AND result.roll=ecredit.roll AND credit>50 AND GPA>3.8

Alias:

select s.roll from student as s OR, select s.roll from student s

cross join:

select \* from student,result

self joining:

select \* from student,student //Error

select employee.name "emp.name" from employee

subtract .5 gpa from all:

Q1:select roll,(gpa-.5) from result

roll (gpa-.5)

1610001 3.5

160300 3.4000000953674316

1602001 3.299999952316284

1610001 3.359999895095825

1604001 3.200000047683716

for three decimal numbers

Q2:select roll,round((gpa-.5),3) from result

roll round((gpa-.5),3)

1610001 3.500

1603001 3.400

1602001 3.300

1610001 3.360

1604001 3.200

Q3:SELECT \* from result where semester NOT IN ('1st');

roll semester gpa

1610001 2nd 4

1603001 2nd 3.9

Q:SELECT \* from result where semester IN ('1st');

roll semester gpa

1602001 1st 3.8

1610001 1st 3.86

1604001 1st 3.7

Q:SELECT \*FROM result WHERE semester like '1%';

roll semester gpa

1602001 1st 3.8

1610001 1st 3.86

1604001 1st 3.7

Q:SELECT \*FROM DUAL;

Q:SELECT SYSDATE FROM DUAL;

Q:SELECT 2\*4;

2\*4

8

Q4:SELECT AVG(gpa) FROM result

AVG(gpa)

3.8519999980926514

Q5:SELECT COUNT(gpa) FROM result

COUNT(gpa)

5

Q6:SELECT MIN(gpa) FROM result

MIN(gpa)

3.700000047683716

Q7:SELECT max(gpa) FROM result

max(gpa)

4

Q8:SELECT floor(3.95)

floor(3.95)

3

Q9:SELECT ceil(3.95);

ceil(3.95)

4

Q10:SELECT upper('abc')

upper('abc')

ABC

Q11: SELECT roll,gpa FROM result WHERE roll IN (SELECT roll FROM student WHERE dept='ECE')

roll gpa

1610001 4

1610001 3.86

Q12: SELECT roll,gpa from result where gpa>(select AVG(gpa) from result)

roll gpa

1610001 4

1603001 3.9

1610001 3.86

Q:SELECT semester,AVG(gpa) from result GROUP BY semester;

semester AVG(gpa)

1st 3.7866666316986084

2nd 3.950000047683716

Q:SELECT \*FROM result GROUP BY semester;

roll semester gpa

1602001 1st 3.8

1610001 2nd 4

Table semester wise first row will be shown in the output.

Q:SELECT count(\*) FROM result GROUP BY semester;

count(\*)

3

2

Q:SELECT count(\*),semester FROM result GROUP BY semester;

count(\*) semester

3 1st

2 2nd

Q.SELECT ascii('a')

ascii('a')

97

Q: SELECT TRIM(' ABC ');

TRIM(' ABC ')

ABC

Q:select rtrim (' ABC ')

rtrim (' ABC ')

ABC

Q:SELECT ltrim(' ABC ')

ltrim(' ABC ')

ABC

Q:SELECT rpad(semester,5,'\_') FROM result;

rpad(semester,5,'\_')

2nd\_\_

2nd\_\_

1st\_\_

1st\_\_

1st\_\_

Q:SELECT lpad(semester,5,'\*') FROM result;

lpad(semester,5,'\*')

\*\*2nd

\*\*2nd

\*\*1st

\*\*1st

\*\*1st

1.select result.Roll from result where earcredit<9

2.SELECT marks.Roll from marks,result where

marks.roll=result.roll and (marks.MATH2117>40 or result.SGPA>3.50)

3.SELECT COUNT(\*) from result GROUP by earcredit

4.SELECT info.roll from info,marks,result where (info.roll=marks.roll and marks.roll=result.roll)

and (info.name like'a%' or info.name like'%a') and sgpa >3.5

AND(marks.ECE2103+marks.ECE2111+marks.MATH2117)>180

5.CREATE view vw\_st\_result AS SELECT info.Roll,info.Name,result.SGPA from

info,result where info.Roll=result.Roll