Akshat Agarwal

RA1911003010646

**Data Base Management System**

**Lab - 7**

**Joins and set operation**

SQL\*Plus: Release 19.0.0.0.0 - Production on Tue Mar 8 13:59:03 2022

Version 19.8.0.0.0

Copyright (c) 1982, 2020, Oracle. All rights reserved.

Last Successful login time: Tue Feb 22 2022 14:03:58 +05:30

Connected to:

Oracle Database 19c Enterprise Edition Release 19.0.0.0.0 - Production

Version 19.13.0.0.0

SQL> select \* from cse;

RNO NAME DEPT

---------- ------------------------- --------------------

646 akshat CSE

649 shubham CSE

633 amit CSE

677 xyz CSE

SQL> select \* from marks;

RNO SUBJECT MARKS

---------- ------------------------- ----------

646 Dis OS 89

649 Biometrics 76

636 NRA 83

633 NRA 80

SQL> select cse.rno,cse.name,marks.subject,marks.marks from cse inner join marks on cse.rno=marks.rno;

RNO NAME SUBJECT MARKS

---------- ------------------------- ------------------------- ----------

646 akshat Dis OS 89

649 shubham Biometrics 76

633 amit NRA 80

SQL> select cse.rno,cse.name,marks.subject,marks.marks from cse left join marks on cse.rno=marks.rno;

RNO NAME SUBJECT MARKS

---------- ------------------------- ------------------------- ----------

646 akshat Dis OS 89

649 shubham Biometrics 76

633 amit NRA 80

677 xyz

SQL> select cse.rno,cse.name,marks.subject,marks.marks from cse right join marks on cse.rno=marks.rno;

RNO NAME SUBJECT MARKS

---------- ------------------------- ------------------------- ----------

646 akshat Dis OS 89

649 shubham Biometrics 76

633 amit NRA 80

NRA 83

SQL>

SQL> select cse.rno,cse.name,marks.subject,marks.marks from cse full join marks on cse.rno=marks.rno;

RNO NAME SUBJECT MARKS

---------- ------------------------- ------------------------- ----------

646 akshat Dis OS 89

649 shubham Biometrics 76

NRA 83

633 amit NRA 80

677 xyz

SQL> select rno from cse union select rno from marks;

RNO

----------

633

636

646

649

677

SQL> select rno from cse union all select rno from marks;

RNO

----------

646

649

633

677

646

649

636

633

8 rows selected.

SQL> select rno from cse intersect select rno from marks;

RNO

----------

633

646

649

SQL> select rno from cse minus select rno from marks;

RNO

----------

677

SQL>