**DBMS Practical Experiment 6**

SQL\*Plus: Release 11.2.0.4.0 Production on Wed Mar 9 10:14:31 2022

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Enter user-name: RA1911003010664/RA1911003010664@drtsenthil-b2.c6hfisyr3ugy.us-east-1.rds.amazonaws.com:1521/b2

Connected to:

Oracle Database 19c Enterprise Edition Release 19.0.0.0.0 - Production

SQL> select \* from cse;

ROLLNUMBER NAME

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

CITY

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

1006 Shruti

Nagpur

1007 Chirag

Mumbai

1008 Allu

Hyderabad

ROLLNUMBER NAME

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

CITY

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

1009 Tom

London

1001 Parthib

NewYork

1002 Chris

NewYork

ROLLNUMBER NAME

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

CITY

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

1003 Scarlet

NewYork

1004 Rita

NewYork

1005 Satyam

NewYork

9 rows selected.

SQL> select \* from marks;

RNO SUBJECT MARKS

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

1001 arts 45

1002 computers 70

1003 liberal arts 56

1004 science 76

1005 mechanics 87

1006 geography 60

1007 dbms 75

1008 cybersecurity 65

1009 ai 81

9 rows selected.

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

ROLLNUMBER NAME

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

SUBJECT MARKS

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

1001 Parthib

arts 45

1002 Chris

computers 70

1003 Scarlet

liberal arts 56

ROLLNUMBER NAME

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

SUBJECT MARKS

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

1004 Rita

science 76

1005 Satyam

mechanics 87

1006 Shruti

geography 60

ROLLNUMBER NAME

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

SUBJECT MARKS

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

1007 Chirag

dbms 75

1008 Allu

cybersecurity 65

1009 Tom

ai 81

9 rows selected.

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

ROLLNUMBER NAME

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

SUBJECT MARKS

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

1001 Parthib

arts 45

1002 Chris

computers 70

1003 Scarlet

liberal arts 56

ROLLNUMBER NAME

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

SUBJECT MARKS

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

1004 Rita

science 76

1005 Satyam

mechanics 87

1006 Shruti

geography 60

ROLLNUMBER NAME

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

SUBJECT MARKS

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

1007 Chirag

dbms 75

1008 Allu

cybersecurity 65

1009 Tom

ai 81

9 rows selected.

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

ROLLNUMBER NAME

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

SUBJECT MARKS

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

1006 Shruti

geography 60

1007 Chirag

dbms 75

1008 Allu

cybersecurity 65

ROLLNUMBER NAME

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

SUBJECT MARKS

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

1009 Tom

ai 81

1001 Parthib

arts 45

1002 Chris

computers 70

ROLLNUMBER NAME

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

SUBJECT MARKS

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

1003 Scarlet

liberal arts 56

1004 Rita

science 76

1005 Satyam

mechanics 87

9 rows selected.

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

ROLLNUMBER

----------

1001

1002

1003

1004

1005

1006

1007

1008

1009

9 rows selected.

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

ROLLNUMBER

----------

1001

1002

1003

1004

1005

1006

1007

1008

1009

9 rows selected.

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

no rows selected

SQL> create table data(rno varchar(10));

Table created.

SQL> insert into data values('1001');

1 row created.

SQL> insert into data values('1005');

1 row created.

SQL> insert into data values('1008');

1 row created.

SQL> select rno from cse minus select rno from marks1;

select rno from cse minus select rno from marks1

\*

ERROR at line 1:

ORA-00904: "RNO": invalid identifier

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

no rows selected

SQL> select rollnumber from cse minus select rno from marks1;

select rollnumber from cse minus select rno from marks1

\*

ERROR at line 1:

ORA-00942: table or view does not exist

SQL> select rollnumber from cse minus select rno from data;

ROLLNUMBER

----------

1002

1003

1004

1006

1007

1009

6 rows selected.

SQL> select rollnumber from cse intersect select rno from data;

ROLLNUMBER

----------

1001

1005

1008

SQL> select rollnumber from cse union select rno from data;

ROLLNUMBER

----------

1001

1002

1003

1004

1005

1006

1007

1008

1009

9 rows selected.