**DBMS Practical Experiment 2**

SQL\*Plus: Release 11.2.0.4.0 Production on Wed Feb 2 10:26:03 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 cse2;

ROLLNUMBER NAME

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

CITY

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

1001 Parthib

1002 Chris

1003 Scarlet

ROLLNUMBER NAME

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

CITY

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

1004 Rita

1005 Satyam

SQL> savepoint s3;

Savepoint created.

SQL> update cse2 set city='NewYork';

5 rows updated.

SQL> select \* from cse2;

ROLLNUMBER NAME

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

CITY

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

1001 Parthib

NewYork

1002 Chris

NewYork

1003 Scarlet

NewYork

ROLLNUMBER NAME

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

CITY

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

1004 Rita

NewYork

1005 Satyam

NewYork

SQL> insert into cse2 values('1006','Shruti','Nagpur');

1 row created.

SQL> insert into cse2 values('1007','Chirag','Mumbai');

1 row created.

SQL> insert into cse2 values('1008','Allu','Hyderabad');

1 row created.

SQL> rollback s3;

rollback s3

\*

ERROR at line 1:

ORA-02181: invalid option to ROLLBACK WORK

SQL> rollback;

Rollback complete.

SQL> select \* from cse2;

ROLLNUMBER NAME

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

CITY

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

1001 Parthib

1002 Chris

1003 Scarlet

ROLLNUMBER NAME

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

CITY

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

1004 Rita

1005 Satyam

SQL> update cse2 set city='NewYork';

5 rows updated.

SQL> select \* from cse2;

ROLLNUMBER NAME

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

CITY

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

1001 Parthib

NewYork

1002 Chris

NewYork

1003 Scarlet

NewYork

ROLLNUMBER NAME

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

CITY

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

1004 Rita

NewYork

1005 Satyam

NewYork

SQL> insert into cse2 values('1006','Shruti','Nagpur');

1 row created.

SQL> insert into cse2 values('1007','Chirag','Mumbai');

1 row created.

SQL> insert into cse2 values('1008','Allu','Hyderabad');

1 row created.

SQL> insert into cse2 values('1009','Tom','London');

1 row created.

SQL> select \* from cse2;

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> set linesize=200;

SP2-0268: linesize option not a valid number

SQL> set linesize 200;

SQL> select \* from cse2;

ROLLNUMBER NAME CITY

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

1006 Shruti Nagpur

1007 Chirag Mumbai

1008 Allu Hyderabad

1009 Tom London

1001 Parthib NewYork

1002 Chris NewYork

1003 Scarlet NewYork

1004 Rita NewYork

1005 Satyam NewYork

9 rows selected.

SQL> commit;

Commit complete.

SQL> rollback to s3;

rollback to s3

\*

ERROR at line 1:

ORA-01086: savepoint 'S3' never established in this session or is invalid

SQL> select 8 from cse2 order by rollnumber asc;

8

----------

8

8

8

8

8

8

8

8

8

9 rows selected.

SQL> select \* from cse2 order by rollnumber asc;

ROLLNUMBER NAME CITY

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

1001 Parthib NewYork

1002 Chris NewYork

1003 Scarlet NewYork

1004 Rita NewYork

1005 Satyam NewYork

1006 Shruti Nagpur

1007 Chirag Mumbai

1008 Allu Hyderabad

1009 Tom London

9 rows selected.

SQL> select \* from cse2 orderby(city);

select \* from cse2 orderby(city)

\*

ERROR at line 1:

ORA-00933: SQL command not properly ended

SQL> select \* from cse2 groupby(city);

select \* from cse2 groupby(city)

\*

ERROR at line 1:

ORA-00933: SQL command not properly ended

SQL> select name,sum(rollnumber),city from cse2 group by city;

select name,sum(rollnumber),city from cse2 group by city

\*

ERROR at line 1:

ORA-00979: not a GROUP BY expression

SQL> select name,sum(rollnumber) from cse2 group by city;

select name,sum(rollnumber) from cse2 group by city

\*

ERROR at line 1:

ORA-00979: not a GROUP BY expression

SQL> select sum(rollnumber),city from cse2 group by city;

SUM(ROLLNUMBER) CITY

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1008 Hyderabad

1009 London

5015 NewYork

1007 Mumbai

1006 Nagpur

SQL> select name,city from cse2 group by city;

select name,city from cse2 group by city

\*

ERROR at line 1:

ORA-00979: not a GROUP BY expression

SQL> select city,count(\*) from cse2 group by having count(dept)>=2;

select city,count(\*) from cse2 group by having count(dept)>=2

\*

ERROR at line 1:

ORA-00936: missing expression

SQL> select city,count(\*) from cse2 group by having count(city)>=2;

select city,count(\*) from cse2 group by having count(city)>=2

\*

ERROR at line 1:

ORA-00936: missing expression

SQL> select city,count(\*) from cse2 group by city having count(city)>=2;

CITY COUNT(\*)

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

NewYork 5

SQL> select sum(rollnumber) from cse2;

SUM(ROLLNUMBER)

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

9045

SQL> select max(rollnumber) from cse2;

MAX(ROLLNU

----------

1009

SQL> select avg(rollnumber) from cse2;

AVG(ROLLNUMBER)

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

1005

SQL> select count(name) from cse2;

COUNT(NAME)

-----------

9

SQL> selct min(rollnumber) from cse2;

SP2-0734: unknown command beginning "selct min(..." - rest of line ignored.

SQL> select min(rollnumber) from cse2;

MIN(ROLLNU

----------

1001