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**Data Base Management System**

**Lab - 3**

**Study of DCL Commands**

DCL Commands

SAVEPOINT – To make a instance of the table which when called will be reverted back to.

ROLLBACK – To rollback to the specified savepoint

COMMIT – To commit the changes made in table

SQL\*Plus: Release 19.0.0.0.0 - Production on Tue Feb 1 14:12:55 2022

Version 19.8.0.0.0

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Last Successful login time: Tue Feb 01 2022 14:09:25 +05:30

Connected to:

Oracle Database 19c Enterprise Edition Release 19.0.0.0.0 - Production

Version 19.13.0.0.0

SQL> create table cse(rno number(3),name varchar(25),marks number(3));

Table created.

SQL> desc cse;

Name Null? Type

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RNO NUMBER(3)

NAME VARCHAR2(25)

MARKS NUMBER(3)

SQL> insert into cse values(646,'akshat',90);

1 row created.

SQL> insert into cse values(649,'shubham',85);

1 row created.

SQL> insert into cse values(633,'amit',95);

1 row created.

SQL> select \* from cse;

RNO NAME MARKS

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646 akshat 90

649 shubham 85

633 amit 95

SQL> savepoint s1;

Savepoint created.

SQL> insert into cse values(677,'xyz',100);

1 row created.

SQL> select \* from cse;

RNO NAME MARKS

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646 akshat 90

649 shubham 85

633 amit 95

677 xyz 100

SQL> rollback to s1;

Rollback complete.

SQL> select \* from cse;

RNO NAME MARKS

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646 akshat 90

649 shubham 85

633 amit 95

SQL> insert into cse values(677,'xyz',100);

1 row created.

SQL> commit;

Commit complete.

SQL> rollback to s1;

rollback to s1

\*

ERROR at line 1:

ORA-01086: savepoint 'S1' never established in this session or is invalid