Experiment No 5 Implementation of DCL

Commit

```
Name
                                                      Nu11?
                                                                 Туре
C_ID
C_NAME
C_ADDRESS
C_SALARY
                                                                 NUMBER(10)
VARCHAR2(20)
VARCHAR2(20)
NUMBER(10)
SQL> insert into customer values (1,'Harry','UK',50000);
  row created.
SQL> insert into customer values (2,'Hermoine','Paris',70000);
  row created.
SQL> insert into customer values (3,'Ron','UK',70000);
  row created.
SQL> insert into customer values (4,'Draco','UK',60000);
 row created.
SQL> insert into customer values (5,'Ginny','London',30000);
  row created.
SQL> commit
Commit complete.
SQL> select * from customer;
       C_ID C_NAME
                                        C_ADDRESS
                                                                     C_SALARY
                                                                        50000
70000
70000
60000
30000
             Harry
Hermoine
Ron
Draco
Ginny
           12345
                                        Paris
UK
UK
                                        London
```

Savepoint

```
SQL> insert into customer values (6,'Neville','Leeds',25000);
 row created.
SQL> insert into customer values (7,'Luna','Ireland',32000);
1 row created.
SQL> savepoint cast;
Savepoint created.
SQL> select * from customer;
                                 C_ADDRESS
                                                         C_SALARY
      C_ID C_NAME
         1 Harry
                                 UK
                                                            50000
         2 Hermoine
                                 Paris
                                                            70000
         3 Ron
                                 UK
                                                             70000
                                 UK
                                                            60000
           Draco
         5 Ginny
                                 London
                                                            30000
         6 Neville
                                 Leeds
                                                             25000
                                 Ireland
                                                            32000
           Luna
 rows selected.
```

Experiment No 5 Implementation of DCL

Rollback to Savepoint

```
SQL> insert into customer values (8,'JK','Yate',100000);
1 row created.
SQL> select * from customer;
         C_ID C_NAME
                                                     C_ADDRESS
                                                                                            C_SALARY
              1 Harry
2 Hermoine
3 Ron
4 Draco
5 Ginny
6 Neville
7 Luna
8 JK
                                                                                                 50000
70000
70000
60000
30000
                                                     Paris
UK
UK
                                                     ok
London
Leeds
Ireland
Yate
                                                                                                 25000
32000
                                                                                               100000
8 rows selected.
SQL> rollback to cast;
Rollback complete.
SQL> select * from customer;
          C_ID C_NAME
                                                     C_ADDRESS
                                                                                            C_SALARY
              1 Harry
1 Harry
2 Hermoine
3 Ron
4 Draco
5 Ginny
6 Neville
7 Luna
                                                                                                 50000
70000
70000
60000
30000
25000
                                                      UK
                                                     Paris
UK
UK
                                                     London
Leeds
Ireland
7 rows selected.
```

Rollback

C_I D	C_NAME	C_ADDRESS	C_SALARY
2 3 4 5 6	Neville Luna	UK Paris UK UK UK London Leeds Ireland	50000 70000 70000 60000 30000 25000 32000
SQL> rollba	ack;		
Rollback co	omplete.		
SQL> select	* from customer;		
C_I D	C_NAME	C_ADDRESS	C_SALARY
2 3 4 5	Harry Hermoine Ron Draco Ginny	UK Paris UK UK London	50000 70000 70000 60000 30000
SQL>			