Experiment-3

DBMS

Aim: To implement a view level design using CREATE VIEW,ALTER VIEW and DELETE VIEW ddl commands.

Creating a table:

```
C##547>create table students(
  2  name varchar(10),
  3  roll_no NUMBER,
  4  sec VARCHAR(5),
  5  Branch VARCHAR(10),
  6  id_no NUMBER,
  7  PRIMARY KEY(ID_NO)
  8  );

Table created.
```

By using insert command we can insert values in a tables

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```
C##547>INSERT INTO students VALUES('Tauheed',547,'A','CSE',1);

1 row created.

C##547>INSERT INTO students VALUES('Rehan',554,'A','CSE',2);

1 row created.

C##547>INSERT INTO students VALUES('Navya',555,'A','CSE',3);

1 row created.

C##547>INSERT INTO students VALUES('Kavya',453,'A','CSD',4);

1 row created.

C##547>INSERT INTO students VALUES('Manogna',253,'A','CSM',5);

1 row created.
```

Creating view councellor:

```
C##547>create view counsellor as select name,roll_no,id_no from students;

View created.
```

Inserting values into councellor:

```
C##547>INSERT INTO counsellor VALUES('sasi',543,6);

1 row created.

C##547>INSERT INTO counsellor VALUES('jagadeesh',530,7);

1 row created.

C##547>INSERT INTO counsellor VALUES('neha',559,8);

1 row created.

C##547>select * from counsellor;

NAME            ROLL_NO        ID_NO
----------  -----------  -----------
Tauheed             547            1
Rehan               554            2
Navya               555            3
Kavya               453            4
Manogna             253            5
sasi                543            6
jagadeesh           530            7
neha                559            8

8 rows selected.
```

Selecting specific row :

```
C##547>select * from counsellor where id_no = 4;

NAME            ROLL_NO        ID_NO
----------  -----------  -----------
Kavya               453            4
```

Update :

```
C##547>update counsellor set name = 'Jagan' Where id_no = 2;

1 row updated.

C##547>select * from counsellor;

NAME          ROLL_NO      ID_NO
---------- ----------- -----------
Tauheed          547           1
Jagan            554           2
Navya            555           3
Kavya            453           4
Manogna          253           5
sasi             543           6
jagadeesh        530           7
neha             559           8

8 rows selected.
```

truncate or drop view:

```
C##547>drop view counsellor;

View dropped.
```