

Experiment-3

DBMS

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

Creating a table:

```
SQL-CSE530>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

```
SQL-CSE530>INSERT INTO students VALUES('Jagadeesh',530,'A','CSE',1);  
1 row created.  
  
SQL-CSE530>INSERT INTO students VALUES('Sharath',599,'B','CSE',2);  
1 row created.  
  
SQL-CSE530>INSERT INTO students VALUES('Dinesh',433,'A','ECE',3);  
1 row created.  
  
SQL-CSE530>INSERT INTO students VALUES('VIJAY',389,'B','EEE',4);  
1 row created.  
  
SQL-CSE530>INSERT INTO students VALUES('Anees',553,'A','CSE',5);  
1 row created.
```

Creating view councillor:

```
SQL-CSE530>CREATE VIEW councillor AS SELECT name,roll_no,id_no FROM students;  
View created.
```

Inserting values into councillor:

[Type text]
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```
SQL-CSE530>INSERT INTO counsellor VALUES('sasi',543,6);
```

```
1 row created.
```

```
SQL-CSE530>INSERT INTO counsellor VALUES('tauheed',547,7);
```

```
1 row created.
```

```
SQL-CSE530>INSERT INTO counsellor VALUES('tarun',550,8);
```

```
1 row created.
```

```
SQL-CSE530>SELECT * FROM counsellor;
```

NAME	ROLL_NO	ID_NO
Jagadeesh	530	1
Sharath	599	2
Dinesh	433	3
VIJAY	389	4
Anees	553	5
sasi	543	6
tauheed	547	7
tarun	550	8

```
8 rows selected.
```

Selecting specific row :

[Type text]
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```
SQL-CSE530>SELECT * FROM councillor WHERE id_no =4;
```

NAME	ROLL_NO	ID_NO
VIJAY	389	4

Update :

```
SQL-CSE530>UPDATE councillor SET name = 'Jagan' WHERE id_no = 1;
```

1 row updated.

```
SQL-CSE530>SELECT * FROM councillor;
```

NAME	ROLL_NO	ID_NO
Jagan	530	1
Sharath	599	2
Dinesh	433	3
VIJAY	389	4
Anees	553	5
sasi	543	6
tauheed	547	7
tarun	550	8

8 rows selected.

truncate or drop view:

```
SQL-CSE530>DROP VIEW councillor;
```

View dropped.