

EXPERIMENT-2

AIM : TO Write SQL queries to MANIPULATE TABLES for various databases using DML commands(i.e. INSERT, SELECT, UPDATE, DELETE,).

Creating table :

```
SQL-CSE530>CREATE TABLE address(  
2  place VARCHAR(10) NOT NULL,  
3  pincode NUMBER NOT NULL,  
4  Village VARCHAR(10) NOT NULL,  
5  District VARCHAR(10) NOT NULL,  
6  PRIMARY KEY(PLACE)  
7  );
```

Table created.

INSERT COMMAND:

It is used to add values to a table.

SYNTAX:

INSERT INTO tablename

VALUES (value1,value2,...,valuen);

INSERT INTO tablename (column1, column2,...,column)

VALUES (value1, value2,...,valuen);

```
SQL-CSE530>INSERT INTO address(place,pincode,village,district)
  2  VALUES('dmm',515671,'colony','satya sai');
```

```
1 row created.
```

```
SQL-CSE530>INSERT INTO address(place,pincode,village,district)
  2  VALUES('atp',515672,'nagar','atp');
```

```
1 row created.
```

```
SQL-CSE530>INSERT INTO address(place,pincode,village,district)
  2  VALUES('nandyal',615898,'area','kurnool');
```

```
1 row created.
```

SELECT COMMAND:

The SELECT command used to list the contents of a table.

SYNTAX:

Select * from table_name;

Select col_name from table_name;

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

PLACE	PINCODE	VILLAGE	DISTRICT
-----	-----	-----	-----
dmm	515671	colony	satya sai
atp	515672	nagar	atp
nandyal	615898	area	kurnool

```
SQL-CSE530>SELECT district FROM address;

DISTRICT
-----
satya sai
atp
kurnool
```

UPDATE COMMAND:

The update command used to modify the contents of specified table.

SYNTAX:

UPDATE tablename

SET column_name = value[,

Column_name = value]

[WHERE condition_isit];

```
SQL-CSE530>UPDATE address SET village='nijampet' WHERE pincode=615898;
```

```
1 row updated.
```

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

PLACE	PINCODE	VILLAGE	DISTRICT
-----	-----	-----	-----
dmm	515671	colony	satya sai
atp	515672	nagar	atp
nandyal	615898	nijampet	kurnool

DELETE COMMAND:

To delete all rows or specified rows in a table.

SYNTAX:

DELETE FROM tablename [WHERE condition_list];

```
SQL-CSE530>DELETE from address WHERE place='atp';
```

```
1 row deleted.
```

```
SQL-CSE530>select * from address;
```

PLACE	PINCODE	VILLAGE	DISTRICT
-----	-----	-----	-----
dmm	515671	colony	satya sai
nandyal	615898	nijampet	kurnool