EXPERIMENT-2

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

Creating table :

```
C##547>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);

```
C##547>INSERT INTO address(place,pincode,village,district)
  2  VALUES('ATP',515671,'colony','satya sai');

1 row created.

C##547>INSERT INTO address(place,pincode,village,district)
  2  VALUES('dmm',515671,'nagar','satya');

1 row created.

C##547>INSERT INTO address(place,pincode,village,district)
  2  VALUES('nandyal',5156722,'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;

```
C##547>select * from address;

PLACE           PINCODE VILLAGE      DISTRICT
---------- ---------- ---------- ----------
ATP             515671 colony       satya sai
dmm             515671 nagar        satya
nandyal        5156722 area         kurnool
```

```
C##547>select district from address;

DISTRICT
----------
satya sai
satya
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_lsit];

```
C##547>UPDATE address SET village='nijampet' WHERE pincode=5156722;

1 row updated.

C##547>select * from address;

PLACE           PINCODE VILLAGE    DISTRICT
---------- ---------- ---------- ----------
ATP              515671 colony     satya sai
dmm              515671 nagar      satya
nandyal         5156722 nijampet   kurnool
```

DELETE COMMAND:

To delete all rows or specified rows in a table.

SYNTAX:

DELETE FROM tablename [WHERE condition_list];

```
C##547>DELETE from address where place='ATP';

1 row deleted.

C##547>SELECT* FROM address;

PLACE             PINCODE VILLAGE     DISTRICT
---------- ----------- ---------- -----------
dmm                515671 nagar       satya
nandyal          5156722 nijampet    kurnool
```