**PRACTICAL - 2**

**Aim:** Perform Data Definition Language (DDL) commands and change the

existing schema as per given information.

**Theoretical Description**:

1) Create table supplier from employee with all the columns.

2) Create table sup1 from employee with first two columns.

3) Create table sup2 from employee with no data.

4) Insert the data into sup2 from employee whose name is ‘Anita’.

5) Rename the table sup2.

6) Destroy table sup1 with all the data.

7) Add one column phone to employee with size of column is Varchar2(10).

8) Modify column phone and change type to char(10).

9) Delete employee\_name column from sup2;

10) Rename the column salary to new\_sal in sup2;

**Query-1:** Create table supplier from employee with all the columns.

**SQL Statement:**

CREATE TABLE supplier as SELECT\*FROM employee;

SELECT \* FROM supplier;

**Output:** Table supplier created.

**Query-2:** Create table sup1 from employee with first two columns.

**SQL Statement:**

CREATE TABLE sup1 as SELECT emp\_no, emp\_name FROM employee;

SELECT \* FROM sup1;

**Output:** sup2 table is created.

**Query-3:** Create table sup2 from employee with no data.

**SQL Statement:**

CREATE TABLE sup2 AS SELECT \* FROM employee WHERE 1=0;

SELECT \* FROM sup2;

**Output:** sup2 table is created.

**Query-4:** Insert the data into sup2 from employee whose name is ‘Anita’.

**SQL Statement:**

INSERT INTO sup2 SELECT \* FROM employee WHERE emp\_name = 'Anita';

**Output:** Data is inserted.

**Query-5:** Rename the table sup2.

**SQL Statement:**

ALTER TABLE sup2 RENAME TO new\_sup2;

**Output:** table is rename to new\_sup2.

**Query-6:** Destroy table sup1 with all the data**.**

**SQL Statement:**

DROP TABLE sup1;

**Output:** table sup1 is destroyed with all data.

**Query-7:** Add one column phone to employee with size of column is Varchar2(10).

**SQL Statement:**

ALTER TABLE employee ADD phone VARCHAR2(10);

**Output:** one column added.

**Query-8:** Modify column phone and change type to char(10).

**SQL Statement:**

ALTER TABLE employee MODIFY phone CHAR(10);

**Output:** one column modified.

**Query-9:** Delete employee\_name column from sup2.

**SQL Statement:**

ALTER TABLE new\_sup2 DROP COLUMN emp\_name;

**Output:** column deleted.

**Query-10:** Rename the column salary to new\_sal in sup2;

**SQL Statement:**

ALTER TABLE new\_sup2 RENAME COLUMN emp\_sal TO new\_sal;

**Output:** column is rename to new\_sal.