

ASSIGNMENT-23

- ① ~~What~~ update to salary of employee to double their salary if he is working as a manager.

```
UPDATE EMP SET SAL = SAL * 2 WHERE JOB = 'MANAGER';
```

- ② ~~What~~ change the name of Smith to SMITH.

```
UPDATE EMP SET ENAME = 'SMITH' WHERE ENAME = 'SMITH';
```

- ③ ~~What~~ modify the job of KING to 'PRESIDENT'.

```
UPDATE EMP SET JOB = 'PRESIDENT' WHERE ENAME = 'KING';
```

- ④ ~~What~~ to change name of ALLEN to ALLEN MORGAN.

```
UPDATE EMP SET ENAME = 'ALLEN MORGAN' WHERE ENAME = 'ALLEN';
```

- ⑤ ~~What~~ hike the salary of employee to 10%. If employee earn less than 2000 as a salesman.

```
UPDATE EMP SET SAL = SAL + (SAL * 10) / 100 WHERE SAL < 2000
```

```
AND JOB = 'SALESMAN';
```


⑥ What I delete the employees who don't earn commission.

DELETE FROM EMP WHERE COMM IS NULL;

⑦ What remove all the employees hired before 1987 in dept 20.

DELETE FROM EMP WHERE HIREDATE < '01-JAN-1987' AND DEPTNO = 20;

⑧ Differentiate between TRUNCATE and DELETE statements.

TRUNCATE

It is used to remove all the records from the table permanently without disturbing structure of table.

Syntax: TRUNCATE TABLE Table-name;

It is a DDL command.

We can't use where clause

We can't rollback the data

DELETE

It is used to remove a particular record from the table.

Syntax: DELETE FROM Table-name
WHERE [statement];

It is DML command

We can use WHERE to filter data to delete

We can rollback the data

⑨ Differentiate between drop, delete and Truncate.

DROP	DELETE	TRUNCATE
<p>It is used to remove table from the database</p> <p>Syntax:</p> <pre>DROP TABLE Table_Name;</pre> <ul style="list-style-type: none">It is a DDL CommandDrop will remove records, indexes, structure of table permanentlywe cannot roll back the datawe can't use WHERE clause	<p>It is used to remove a particular record from the table.</p> <p>Syntax:</p> <pre>DELETE FROM TABLE_NAME [WHERE Statement];</pre> <ul style="list-style-type: none">It is a DML CommandDoes not remove permanentlywe can roll back the datawe can use WHERE clause to filter data to delete	<p>It is used to remove all the records from the table permanently without disturbing structure of table.</p> <p>Syntax:</p> <pre>TRUNCATE TABLE Table_Name;</pre> <ul style="list-style-type: none">It is a DDL CommandRemove the record permanently.we cannot roll back the data.we can't use WHERE clause.