01. CREATION OF BASE TABLE AND DML OPERATION
DEPT: CSE (CYBERSECURITY)

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1) CREATE MY_EMPLOYEE TABLE:

Create table my_employee (id number (4), last_name varchar (25), first_name Varchar (25), userid varchar (25), salary number (9,2));

Column Name	Data Type	Nullable	Default	Primary Key
ID	NUMBER(4,0)	No	-	-
LAST_NAME	VARCHAR2(25)	Yes	-	-
FIRST_NAME	VARCHAR2(25)	Yes	-	-
USERID	VARCHAR2(25)	Yes	-	-
SALARY	NUMBER(9,2)	Yes	-	-

OUTPUT:

Table created

2) ADDING ROWS DATA TO TABLE:

Insert into my_employee values (1,'Patel','Ralph','rpatel', 895) Insert

into my_employee values ('2','Dancs','Betty','bdancs', 860)

OUTPUT:

1 row(s) inserted.

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	895

1 row(s) inserted.

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	895
2	Dancs	Betty	bdancs	860

3) DISPLAY TABLE MY_EMPLOYEE:

Select *from my_employee; **OUTPUT:**

D	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	895
2	Dancs	Betty	bdancs	860

4) POPULATE THE NEXT TWO ROWS OF DATE FROM SAMPLE DATA:

Insert into my_employee values (3,'biri','ben','bbiri', 1100); Insert into

my_employee values (4,'newman','chad','cnewman', 1550);

OUTPUT:

1 row(s) inserted.

D	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	895
2	Dancs	Betty	bdancs	860
3	biri	ben	bbiri	1100

1 row(s) inserted.

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	895
2	Dancs	Betty	bdancs	860
3	biri	ben	bbiri	1100
4	newman	chad	cnewman	1550

5) DELETE BETTY dancs FROM MY_EMPLOYEE:

Delete from my_employee where first_name='Betty';
OUTPUT:

1 row(s) deleted.

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	895
3	biri	ben	bbiri	1100
4	newman	chad	cnewman	1550

6) EMPTY THE FOURTH ROW OF THE EMPLOYEE TABLE:

Delete from my_employee where id=4;

OUTPUT:

1 row(s) deleted.

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	895
3	biri	ben	bbiri	1100

7) MAKE THE DATA ADDITIONS PERMANENT:

Commite;

OUTPUT:

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	895
3	biri	ben	bbiri	1100

8) CHANGE THE NAME OF EMPLOYEE 3 TO DREXLER:

Update my_employee set last_name='Drexler' where id=3;

Output:

1 row(s) updated.

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	895
3	Drexler	ben	bbiri	1100

9) CHANGE THE SALARY TO 1000 FOR ALL EMPLOYEES WITH A SALARY LESS THAN 900:

Update my_employee set salary=1000 where salary<900;

OUTPUT:

1 row(s) updated.

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	1000
3	Drexler	ben	bbiri	1100