

Ex.No.: 1	CREATION OF BASE TABLE AND DML OPERATIONS
Date: 24/7/24	

1) CREATE MY_EMPLOYEE TABLE WITH THE FOLLOWING STRUCTURE

```
CREATE TABLE MY_EMPLOYEE(
ID NUMBER(4) NOT NULL,
LAST_NAME
VARCHAR(25),
FIRST_NAME
VARCHAR(25),USERID
VARCHAR(25),
SALARY NUMBER(9,2)
);
```



Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
MY_EMPLOYEE	ID	NUMBER	4		0				
	LAST_NAME	VARCHAR2	25						
	FIRST_NAME	VARCHAR2	25						
	USERID	VARCHAR2	25						
	SALARY	NUMBER	9		2				

2) ADD THE FIRST ROW AND SECOND ROWS DATA TO MY_EMPLOYEE TABLE FROM THE SAMPLE TABLE

```
INSERT INTO
MY_EMPLOYEE(&ID,&LAST_NAME,&FIRST_NAME,&USERID,&SALARY
)
VALUES(1,"PATEL","RALPH","RPATEL",895
2,"DANCS","BETTY","BDANCS",860);
```

3) DISPLAY THE TABLE WITH VALUES

```
SELECT * FROM
MY_EMPLOYEE;
```

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
3	Dance	Betty	bdance	800
4	Herman	Chad	cherman	750
5	Patel	Rupa	rpatel	950
6	Pat	Sam	sapat	1000
7	Robertson	Audrey	arobert	1000

- 4) POPULATE THE NEXT TWO ROWS OF DATA FROM THE SAMPLE DATA. CONCATENATE THE FIRST LETTER OF THE FIRST_NAME WITH FIRST SEVEN LETTERS OF THE LAST_NAME TO PRODUCE USERID

```
UPDATE MY_EMPLOYEES
SET USERID = SUBSTR(FIRST_NAME,1,1) ||
SUBSTR(LAST_NAME,1,7) WHERE ID IN (3,4);
```

- 5) DELETE BETTY DANCERS FROM

MY_EMPLOYEE DELETE FROM

MY_EMPLOYEE
WHERE FIRST_NAME = 'BETTY' AND LAST_NAME = 'DANCERS';

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Rupa	rpatel	950
2	Pat	Sam	sapat	1000
4	Herman	Chad	cherman	750
7	Robertson	Audrey	arobert	1000

- 6) EMPTY THE FOURTH ROW OF

THE EMP TABLE DELETE FROM

MY_EMPLOYEE
WHERE ID = 5;

ID	LAST NAME	FIRST NAME	USERID	SALARY
1	John	Smith	johns	950
2	Ben	Ben	Ben1	1000
4	William	Clark	William	750

7) MAKE THE DATA ADDITIONS

PERMANENTCOMMIT;

8) CHANGE THE LAST NAME OF EMPLOYEE 3 TO DREXLER

```
UPDATE MY_EMPLOYEE  
SET LAST_NAME =  
"DREXLER" WHERE ID = 3;
```

ID	LAST_NAME	FIRST_NAME	JOB_ID	SALARY
1	Ford	Deitch	typed	900
2	Drexler	Blot	Blot	1000
3	Hermann	Chad	Chenman	700

3 rows returned in 0.01 seconds

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

```
UPDATE  
MY_EMPLOYEE  
SET  
SALARY = 1000  
WHERE SALARY < 900;
```

ID	LAST_NAME	FIRST_NAME	JOB_ID	SALARY
1	Ford	Deitch	typed	1000
2	Drexler	Blot	Blot	1000
3	Hermann	Chad	Chenman	1000

3 rows returned in 0.01 seconds