

CREATION OF BASE TABLE AND DML OPERATIONS

1. Create MY_EMPLOYEE table with the following structure

Ans:-

```
CREATE TABLE MY_EMPLOYEE(ID NUMBER(4),LAST_NAME
VARCHAR(25),FIRST_NAME VARCHAR(25),USER_ID VARCHAR(25),SALARY
NUMBER(9,2))
```

Object Type TABLE ?		Object MY_EMPLOYEE ?							
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	-	-	-	✓	-	-
	USER_ID	VARCHAR2	25	-	-	-	✓	-	-
	SALARY	NUMBER	-	9	2	-	✓	-	-

2. Add the first and second rows data to MY_EMPLOYEE table from the following sample

Ans:-

```
INSERT INTO MY_EMPLOYEE VALUES(1,'Patel','Ralph','rpatel', 895);
```

```
INSERT INTO MY_EMPLOYEE VALUES(2,'Dancs','Betty','bdancs', 860);
```

```
INSERT INTO MY_EMPLOYEE VALUES(3,'Biri','Ben','bbiri',1100);
```

```
INSERT INTO MY_EMPLOYEE VALUES(4,'Newman','Chad','Cnewman',750);
```

```
INSERT INTO MY_EMPLOYEE VALUES(5,'Ropebur','Audrey','aropebur',1550);
```

3. Display the table with values.

Ans:

```
Select * from my_employee;
```

ID	LAST_NAME	FIRST_NAME	USER_ID	SALARY
2	DANCS	BETTY	bdancs	860
5	Ropebur	Audrey	aropebur	1550
1	PATEL	RALPH	rpatel	895
3	Biri	Ben	bbiri	1100
4	Newman	Chad	Cnewman	750

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.

Ans:-

Update MY_EMPLOYEES Set Userid = substr(first_name,1,1) || substr(last_name,1,7)

Where ID in (3,4);

5. Delete Betty dances from MY_EMPLOYEE table.

Ans:-

Delete from MY_EMPLOYEE Where FIRST_NAME = 'Betty' and LAST_NAME 'Dancs';

ID	LAST_NAME	FIRST_NAME	USER_ID	SALARY
5	Ropebur	Audrey	aropebur	1550
1	PATEL	RALPH	rpatel	895
3	Biri	Ben	bbiri	1100
4	Newman	Chad	Cnewman	750

6. Empty the fourth row of the emp table.

Ans:-

Delete from MY_EMPLOYEE Where ID = 5;

ID	LAST_NAME	FIRST_NAME	USER_ID	SALARY
5	Ropebur	Audrey	aropebur	1550
1	PATEL	RALPH	rpatel	895
3	Biri	Ben	bbiri	1100

7. Make the data additions permanent.

Ans:-

commit;

8. Change the last name of employee 3 to Drexler.

Ans:-

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

ID	LAST_NAME	FIRST_NAME	USER_ID	SALARY
5	Ropebur	Audrey	aropebur	1550
1	PATEL	RALPH	rpatel	895
3	Drexler	Ben	bbiri	1100

9. Change the salary to 1000 for all the employees with a salary less than 900.

Ans:-

update my_employee set salary=1000 where salary<900;

ID	LAST_NAME	FIRST_NAME	USER_ID	SALARY
5	Ropebur	Audrey	aropebur	1550
1	PATEL	RALPH	rpatel	1000
3	Drexler	Ben	bbiri	1100