## **EXPERIMENT: 1**

**DATE: 26.07.2024** 

## CREATION OF DATABASE AND DML OPERATIONS

## 1. Create MY EMPLOYEE table with the following structure

NAME	NULL?	TYPE	
ID	Not null	Number(4)	
Last_name		Varchar(25)	
First_name	6	Varchar(25)	
Userid	Varchar(25)		
Salary		Number (9,2)	

## create table MY\_EMPLOYEE(ID NUMBER(4) NOT NULL, LAST\_NAME VARCHAR(25), FIRST NAME VARCHAR(25), SALARY NUMBER(9,2));

Column Name	Data Type	Nullable	Default	Primary Key
ID	NUMBER(4,0)	No	() <del>=</del> ()	+
LAST_NAME	VARCHAR2(25)	Yes	(2)	-
FIRST_NAME	VARCHAR2(25)	Yes		-
USERID	VARCHAR2(25)	Yes	123	-
SALARY	NUMBER(9,2)	Yes		-
				1-5

2. Add the first and second rows data to MY\_EMPLOYEE table from the following sample data.

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	750
5	Ropebur	Audrey	aropebur	1550

insert

into MY\_EMPLOYEE(ID,LAST\_NAME,FIRST\_NAME,USERID,SALARY) values (1,'Patel','Ralph','rpatel',895)

into MY\_EMPLOYEE(ID,LAST\_NAME,FIRST\_NAME,USERID,SALARY) values (2,'Dancs','Betty','bdancs',860)

into MY\_EMPLOYEE(ID,LAST\_NAME,FIRST\_NAME,USERID,SALARY) values (3,'Biri','Ben','bbiri',1100)

into MY\_EMPLOYEE(ID,LAST\_NAME,FIRST\_NAME,USERID,SALARY) values (4,'Newman','Chad','Cnewman',750)

into MY\_EMPLOYEE(ID,LAST\_NAME,FIRST\_NAME,USERID,SALARY) values (1,'Ropebur','Audrey','aropebur',1550);

EDIT	ID	LAST_NAME	FIRST_NAME	USERID	SALARY
Z.	1	Patel	Ralph	rpatel	895
B	2	Dancs	Betty	bdancs	860
Ø	3	Biri	Ben	bbiri	1100
Z.	4	Newman	Chad	Cnewman	750
Z.	5	Ropebur	Audrey	aropebur	1550
				row(	s) 1 - 5 of 5

3. Display the table with values

select \* from MY\_EMPLOYEE;

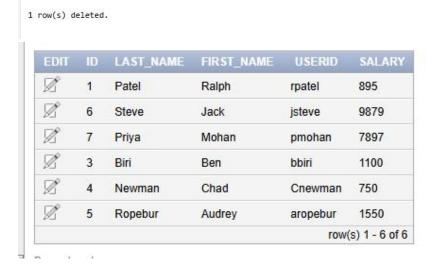


4. Populate the next two rows of data from the sample data. Concatenate the first letter of the first\_name with the first seven characters of the last\_name to produce Userid. insert all into MY\_EMPLOYEE(ID,LAST\_NAME,FIRST\_NAME,SALARY)values (6,'Priyanga','Mohan',7897) into MY\_EMPLOYEE(ID,LAST\_NAME,FIRST\_NAME,SALARY) values (7,'Steve','Jack',9879);

update MY\_EMPLOYEE set userid= SUBSTR(first\_name, 1, 1) || SUBSTR(last\_name, 1, 7)

EDIT	ID	LAST_NAME	FIRST_NAME	USERID	SALARY
D.	1	Patel	Ralph	rpatel	895
Ø.	2	Dancs	Betty	bdancs	860
Ø.	6	Steve	Jack	jsteve	9879
Ø.	7	Priya	Mohan	pmohan	7897
Ø.	3	Biri	Ben	bbiri	1100
D.	4	Newman	Chad	Cnewman	750
Z.	5	Ropebur	Audrey	aropebur	1550
				row(	s) 1 - 7 of 7

5. Delete Betty dancs from MY\_EMPLOYEE table. **delete from MY\_EMPLOYEE where** LAST\_NAME='Dancs';



6. Empty the fourth row of the emp table. delete from MY\_EMPLOYEE where ID=4;

EDIT	ID	LAST_NAME	FIRST_NAME	USERID	SALARY
Z.	1	Patel	Ralph	rpatel	895
Ø.	6	Steve	Jack	jsteve	9879
Ø.	7	Priya	Mohan	pmohan	7897
De .	3	Biri	Ben	bbiri	1100
Z.	5	Ropebur	Audrey	aropebur	1550
				row(	s) 1 - 5 of

- 7. Make the data additions permanent. **commit**;
- 8. Change the last name of employee 3 to Drexler.

  update MY\_EMPLOYEE set LAST\_NAME='Dexler' where ID=3;

1 row(s) updated.

Patel	Ralph		
	Kaipii	rpatel	895
Steve	Jack	jsteve	9879
Priya	Mohan	pmohan	7897
Dexler	Ben	bbiri	1100
Ropebur	Audrey	aropebur	1550
	Ropebur	Ropebur Audrey	Ropebur Audrey aropebur row(

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;** 

EDIT	ID	LAST_NAME	FIRST_NAME	USERID	SALARY
B	1	Patel	Ralph	rpatel	1000
Ø	6	Steve	Jack	jsteve	9879
Z.	7	Priya	Mohan	pmohan	7897
Ø	3	Dexler	Ben	bbiri	1100
Z.	5	Ropebur	Audrey	aropebur	1550
				row(	s) 1 - 5 of 5