ARAVIND 231901006

**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		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	-	-
LAST_NAME	VARCHAR2(25)	Yes	-	-
FIRST_NAME	VARCHAR2(25)	Yes	-	-
USERID	VARCHAR2(25)	Yes	-	-
SALARY	NUMBER(9,2)	Yes	-	-
				1 - 5

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

	- and a second s						
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 all

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

3. Display the table with values

## select \* from MY\_EMPLOYEE;

		CID OT MARK		0.4.4.504
ID	LASI_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
row	s returned in 0.0	04 seconds	Download	

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,USERID,SALARY) values (6,'Priyanga','Mohan','pmohan',7897)

into MY\_EMPLOYEE(ID,LAST\_NAME,FIRST\_NAME,USERID,SALARY) values (7,'Steve','Jack','jsteve',9879);

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

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

1 row(s) deleted.

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

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

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

- 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.

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

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