Ex. No:1 Roll No:230701383

Date:26/07/2024 Name: VINITH.B

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	1 <u>0</u> 1	-
FIRST_NAME	VARCHAR2(25)	Yes	(* /)	*
USERID	VARCHAR2(25)	Yes	127	-
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)

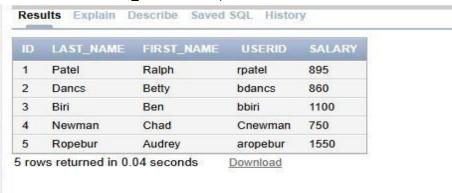
into MY_EMPLOYEE(ID,LAST_NAME,FIRST_NAME,USERID,SALARY)

values (1,'Ropebur','Audrey','aropebur',1550);

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

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
Ø	3	Biri	Ben	bbiri	1100
Ø	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.

Patel Steve	Ralph Jack	rpatel	895 9879
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
D.	7	Priya	Mohan	pmohan	7897
Ø	3	Dexler	Ben	bbiri	1100
Z.	5	Ropebur	Audrey	aropebur	1550
				row(s) 1 - 5 of 5