SABTHAGIRI.A 231901044

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	0	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.

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)

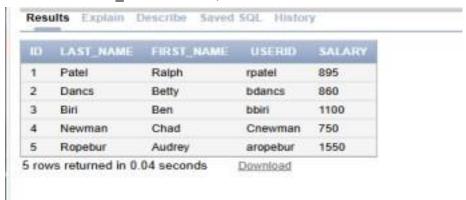
into MY_EMPLOYEE(ID,LAST_NAME,FIRST_NAME,USERID,SALARY) values (4,'Newman','Chad','Cnewman',750)

into MY_EMPLOYEE(ID,LAST_NAME,FIRST_NAME,USERID,SALARY) values (1,'Ropebur','Audrey','aropebur',1550);

	LIST INTE	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
	3	2 Dancs 3 Biri 4 Newman	2 Dancs Betty 3 Biri Ben 4 Newman Chad	2 Dancs Betty bdancs 3 Biri Ben bbiri 4 Newman Chad Cnewman

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,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	10	LAST_NAME	FIRST_NAME	USERID	SALARY
Z.	1	Patel	Ralph	rpatel	895
B	2	Dancs	Betty	bdancs	860
Z.	6	Steve	Jack	jsteve	9879
B.	7	Priya	Mohan	pmohan	7897
B.	3	Biri	Ben	bbiri	1100
R	4	Newman	Chad	Cnewman	750
18	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';

1 now(s) deleted.

EOIT	10	LAST NAME	FIRST_NAME	USERIO	SALARY
B,	1	Patel	Ralph	rpatel	895
ď	6	Steve	Jack	jsteve	9879
18°	7	Priya	Mohan	pmohan	7897
13,	3	Biri	Ben	bbiri	1100
Ø,	4	Newman	Chad	Cnewman	750
18	5	Ropebur	Audrey	aropebur	1550

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

EDIT	ID	LAST_NAME	FIRST_NAME	USERID	SALARY
Ø	1	Patel	Ralph	rpatel	895
B	6	Steve	Jack	jsteve	9879
B.	7	Priya	Mohan	pmohan	7897
Ø	3	Biri	Ben	bbiri	1100
B	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
Z.	1	Patel	Ralph	rpatel	895
Ø	6	Steve	Jack	jsteve	9879
Z.	7	Priya	Mohan	pmohan	7897
Ø	3	Dexler	Ben	bbiri	1100
Z.	5	Ropebur	Audrey	aropebur	1550
				rowl	s) 1 - 5 of 9

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

CSE(CYBER SECURITY)-2ndYEAR