Ex. No:1 Roll No: 230701102

Date:26/07/2024 Name: HARINI.P

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	15.0	
FIRST_NAME	VARCHAR2(25)	Yes	(*) (-
USERID	VARCHAR2(25)	Yes	1 <u>0</u> 1	=
SALARY	NUMBER(9,2)	Yes	(m)	-
				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)

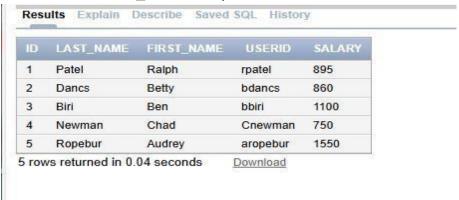
into MY_EMPLOYEE(ID,LAST_NAME,FIRST_NAME,USERID,SALARY) values (4,'Newman','Chad','Cnewman',750)

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
Z	3	Biri	Ben	bbiri	1100
B	4	Newman	Chad	Cnewman	750
Z.	5	Ropebur	Audrey	aropebur	1550
				row(s) 1 - 5 of 5

Display the table with values: SELECT * from MY_EMPLOYEE;



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
B	6	Steve	Jack	jsteve	9879
Z.	7	Priya	Mohan	pmohan	7897
Ø.	3	Biri	Ben	bbiri	1100
B	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	USERID	SALARY
B	1	Patel	Ralph	rpatel	895
Z.	6	Steve	Jack	jsteve	9879
Z ^e	7	Priya	Mohan	pmohan	7897
B	3	Biri	Ben	bbiri	1100
Z	4	Newman	Chad	Cnewman	750
100	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
Z.	1	Patel	Ralph	rpatel	895
Ø	6	Steve	Jack	jsteve	9879
B	7	Priya	Mohan	pmohan	7897
Z.	3	Biri	Ben	bbiri	1100
Z.	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.

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	895
6	Steve	Jack	jsteve	9879
7	Priya	Mohan	pmohan	7897
3	Dexler	Ben	bbiri	1100
5	Ropebur	Audrey	aropebur	1550
	6 7 3	6 Steve 7 Priya 3 Dexler	6 Steve Jack 7 Priya Mohan 3 Dexler Ben	6 Steve Jack jsteve 7 Priya Mohan pmohan 3 Dexler Ben bbiri

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