RAJALAKSHMI ENGINEERING COLLEGE RAJALAKSHMI NAGAR, THANDALAM – 602 105

RAJALAKSHMI ENGINEERING COLLEGE
An AUTONOMOUS Institution
Affiliated to ANNA UNIVERSITY, Chennai

CS23332 DATABASE MANAGEMENT SYSTEMS LAB

Laboratory Record Notebook

Name: **B ELUMALAI**

Year / Branch / Section: **2nd year / B.Tech CSE – 'B'**

University Register No: **2116230701084**

College Roll No: **230701084**

Semester: **3rd Semester**

Academic Year: **2023 - 2024**

CS23332 DATABASE MANAGEMENT SYSTEMS

NAME	BELUMALAI
ROLL NO.	211230701084
DEPT	CSE
SEC	'B'

Ex.No.: 1	CREATION OF BASE TABLE AND
Date: 01/08/2024	DML OPERATIONS

1) Create MY_EMPLOYEE table with the following structure

CREATE TABLE MY_EMPLOYEE(
ID Number(4) NOT NULL,
Last_name Varchar(25),
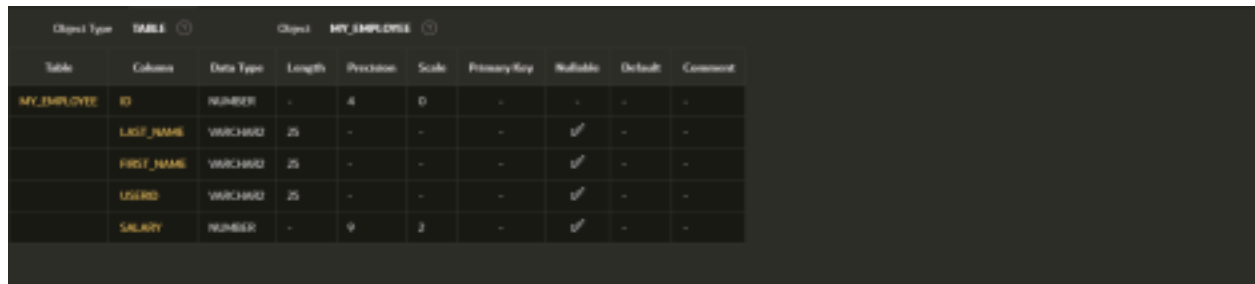First_name Varchar(25),
Userid Varchar(25),
Salary Number(9,2)
);

2) Add the first row and second rows data to MY_EMPLOYEE table fromthe sample table

Insert into
MY_EMPLOYEE(&ID,&LAST_NAME,&FIRST_NAME,&USERID,&SALARY
)
values(1,"Patel","Ralph","rpatel",895
2,"Dancs","Betty","bdancs",860);

3) Display the table with values

Select * from MY_EMPLOYEE;

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
2	Dancs	Betty	bdancs	860
4	Newman	Chad	CNewman	750
1	Patel	Ralph	rpatel	895
3	Biri	Ben	BBiri	1100
5	Ropertur	Audrey	aropertur	1550

5 rows returned in 0.00 seconds   Download

4) populate the next two rows of data from the sample data. Concatenate the first letter of the first_NAME with first seven letters of the last_name toproduce Userid

Update MY_EMPLOYEES
Set Userid = substr(first_name,1,1) || substr(last_name,1,7)
Where ID in (3,4);

5) delete Betty dancs from my_employee

table`1Delete from MY_EMPLOYEE
Where FIRST_NAME = 'Betty' and LAST_NAME = 'Dancs';

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	895
3	Biri	Ben	BBiri	1100
4	Newman	Chad	CNewman	750
5	Ropertur	Audrey	aropertur	1550

4 rows returned in 0.00 seconds   Download

6) Empty the fourth row of the emp table

Delete from MY_EMPLOYEE
Where ID = 5;

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	895
3	Biri	Ben	BBiri	1100
4	Newman	Chad	CNewman	750

7) Make the data additions

permanentCommit;

8) Change the last name of employee 3 to Drexler

Update MY_EMPLOYEE
Set LAST_NAME = "Drexler"
Where ID = 3;

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	895
3	Drexler	Ben	bBen	1100
4	Newman	Chad	CNewman	750

3 rows returned in 0.01 seconds   Download

9) Change the salary to 1000 for all the employees with a salary less than900.

Update MY_EMPLOYEE
Set salary = 1000
Where salary<900;

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	1000
3	Drexler	Ben	bBen	1100
4	Newman	Chad	CNewman	1000

3 rows returned in 0.00 seconds   Download