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

CS23332 DATABASE MANAGEMENT
SYSTEMS LAB
Laboratory Record Notebook

Name: T.R.DIVYASREE

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

University Register No: 2116230701083

College Roll No: 230701083

Semester: 3

Academic Year: 2023 - 2024

CS23332 DATABASE MANAGEMENT SYSTEMS

NAME	T.R.DIVYASREE
ROLL NO.	2116230701083
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));

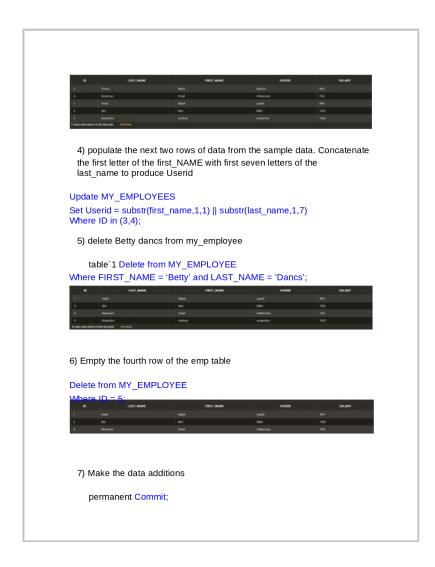2) Add the first row and second rows data to MY_EMPLOYEE table
   from the sample table

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	840
4	Newman	Chad	CNewman	750
1	Patel	Ralph	rpatel	895
3	Biri	Ben	bBiri	1100
5	Ropeburn	Audrey	aropeBur	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 to produce 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`1 Delete 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	Ropeburn	Audrey	aropeBur	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

permanent Commit;

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 than 900.

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 0.01 seconds   Download