

RAJALAKSHMI ENGINEERING
COLLEGE RAJALAKSHMI NAGAR,
THANDALAM – 602 105



CS23332 DATABASE MANAGEMENT
SYSTEMS LAB
Laboratory Record Notebook

Name:

Year / Branch / Section:

University Register No:

College Roll No:

Semester:

Academic Year:

CS23332 DATABASE MANAGEMENT SYSTEMS

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

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) );
```

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comments
MY_EMPLOYEE	ID	NUMBER	4		0	✓	✓		
	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	Chen	Betty	chen	800
4	Deere	Chad	chad	750
7	Ford	John	ford	850
8	Watson	Chad	chad	750
9	Deere	Chad	chad	750

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	Ford	John	ford	850
3	Watson	Chad	chad	750
4	Deere	Chad	chad	750
5	Deere	Chad	chad	750

6) Empty the fourth row of the emp table

Delete from MY_EMPLOYEE

Where ID = 5;

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Ford	John	ford	850
3	Watson	Chad	chad	750
4	Deere	Chad	chad	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	Ford	Buck	scott	800
3	Drexler	Ben	ben	900
4	DeMunnick	Cliff	clinton	700

3 rows returned in 0.00 seconds

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	Ford	Buck	scott	800
3	Drexler	Ben	ben	1000
4	DeMunnick	Cliff	clinton	1000

3 rows returned in 0.00 seconds