

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

CS23332 DATABASE MANAGEMENT  
SYSTEMS LAB

Laboratory Record Notebook

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Name:

Year / Branch / Section:

University Register No:

College Roll No:

Semester:

Academic Year:

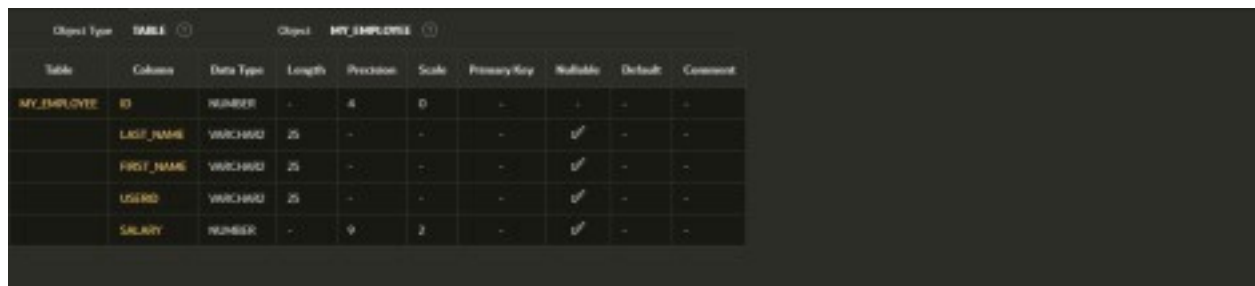
## CS23332 DATABASE MANAGEMENT SYSTEMS

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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) );
```



The screenshot shows a table structure for 'MY\_EMPLOYEE'. The columns are: ID (NUMBER, 4, Primary Key), LAST\_NAME (VARCHAR2, 25), FIRST\_NAME (VARCHAR2, 25), USERID (VARCHAR2, 25), and SALARY (NUMBER, 9, 2). All columns are marked as 'NotNullable' and have a 'Default' value of '-'. The 'Comment' column is empty for all columns.

Table	Columns	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
MY_EMPLOYEE	ID	NUMBER	4		0	Yes	No	-	
	LAST_NAME	VARCHAR2	25			No	No	-	
	FIRST_NAME	VARCHAR2	25			No	No	-	
	USERID	VARCHAR2	25			No	No	-	
	SALARY	NUMBER	9	2		No	No	-	

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	850
4	Newman	Chad	Chewman	750
1	Patel	Rajiv	rpate1	895
3	Ben	Ben	BBen	100
5	Roperbur	Andy	aroperbur	100

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	Rajiv	rpate1	895
5	Ben	Ben	BBen	100
4	Newman	Chad	Chewman	750
5	Roperbur	Andy	aroperbur	100

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	Rajiv	rpate1	895
5	Ben	Ben	BBen	100
4	Newman	Chad	Chewman	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	Eden	1000
4	Hewman	Chad	CHewman	790

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	Eden	1000
4	Hewman	Chad	CHewman	1000

3 rows returned in 0.00 seconds [Download](#)