**RAJALAKSHMI ENGINEERING COLLEGE RAJALAKSHMI NAGAR, THANDALAM – 602 105**



CS23332 DATABASE MANAGEMENT

SYSTEMS LAB

**Laboratory Record Notebook**



**CS23332 DATABASE MANAGEMENT SYSTEMS**

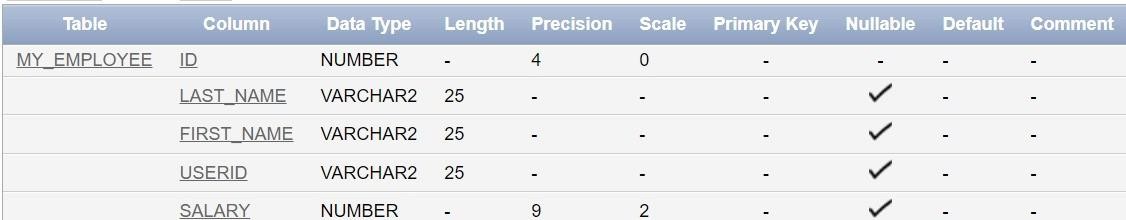
|  |  |
| --- | --- |
| NAME | Srivathsan N |
| Roll No | 230701343 |
| DEPT | CSE |
| SEC | F |

|  |  |  |
| --- | --- | --- |
| **Ex.No.: 1** | | **CREATION OF BASE TABLE AND**  **DML OPERATIONS** |
| **Date:** | 31/7/24 |

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 VARCHAR2(25), First\_name VARCHAR2(25), Userid VARCHAR2(25),Salary NUMBER(9, 2));



1. 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 |

Begin

INSERT INTO MY\_EMPLOYEE VALUES (1, 'Patel', 'Ralph', 'rpatel', 895); INSERT INTO MY\_EMPLOYEE VALUES (2, 'Dancs', 'Betty', 'bdancs', 860);

End;



1. Display the table with values.

Select \* from My\_Employee;



1. 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.

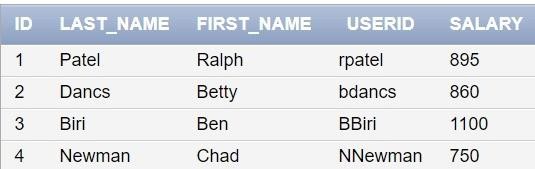
Begin

INSERT INTO MY\_EMPLOYEE (ID, Last\_name, First\_name, Userid, Salary) VALUES (3, 'Biri', 'Ben', SUBSTR('Biri', 1, 1) || SUBSTR('Biri', 1, 7), 1100);

INSERT INTO MY\_EMPLOYEE (ID, Last\_name, First\_name, Userid, Salary)

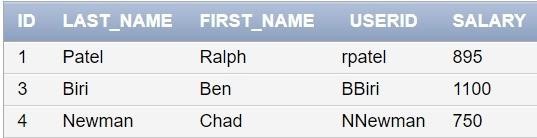
VALUES (4, 'Newman', 'Chad', SUBSTR('Newman', 1, 1) || SUBSTR('Newman', 1, 7), 750);

End;



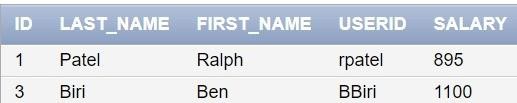
1. Delete Betty dancs from MY \_EMPLOYEE table.

DELETE FROM MY\_EMPLOYEE WHERE Last\_name = 'Dancs';



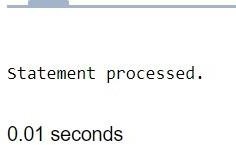
1. Empty the fourth row of the emp table.

DELETE FROM MY\_EMPLOYEE WHERE ID = 4;



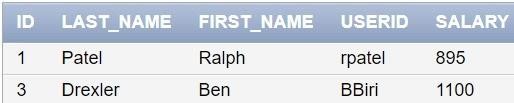
1. Make the data additions permanent.

COMMIT;



1. Change the last name of employee 3 to Drexler.

UPDATE MY\_EMPLOYEE SET Last\_name = 'Drexler' WHERE ID = 3;



1. Change the salary to 1000 for all the employees with a salary less than 900.

UPDATE MY\_EMPLOYEE SET Salary = 1000 WHERE Salary < 900;

