

**SABTHAGIRI.A 231901044**

**EXPERIMENT: 1**

**DATE: 26.07.2024**

### **CREATION OF DATABASE AND DML OPERATIONS**

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 VARCHAR(25), FIRST\_NAME VARCHAR(25), SALARY NUMBER(9,2));**

Column Name	Data Type	Nullable	Default	Primary Key
ID	NUMBER(4,0)	No	-	-
LAST_NAME	VARCHAR2(25)	Yes	-	-
FIRST_NAME	VARCHAR2(25)	Yes	-	-
USERID	VARCHAR2(25)	Yes	-	-
SALARY	NUMBER(9,2)	Yes	-	-
1 - 5				

2. 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

**insert all**

```
into MY_EMPLOYEE(ID, LAST_NAME, FIRST_NAME, USERID, SALARY)
values (1, 'Patel', 'Ralph', 'rpatel', 895)
```

```
into MY_EMPLOYEE(ID, LAST_NAME, FIRST_NAME, USERID, SALARY)
values (2, 'Dancs', 'Betty', 'bdancs', 860)
```

```
into MY_EMPLOYEE(ID, LAST_NAME, FIRST_NAME, USERID, SALARY)
values (3, 'Biri', 'Ben', 'bbiri', 1100)
```

```
into MY_EMPLOYEE(ID, LAST_NAME, FIRST_NAME, USERID, SALARY)
values (4, 'Newman', 'Chad', 'Cnewman', 750)
```

```
into MY_EMPLOYEE(ID, LAST_NAME, FIRST_NAME, USERID, SALARY)
values (1, 'Ropebur', 'Audrey', 'aropebur', 1550);
```

EDIT	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
row(s) 1 - 5 of 5					

3. Display the table with values

```
select * from MY_EMPLOYEE;
```








Results	Explain	Describe	Saved SQL	History
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
5 rows returned in 0.04 seconds <a href="#">Download</a>				

4. 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. **insert all**







```
into MY_EMPLOYEE(ID, LAST_NAME, FIRST_NAME, USERID, SALARY)
values (6, 'Priyanga', 'Mohan', 'pmohan', 7897)
```

into MY\_EMPLOYEE(ID, LAST\_NAME, FIRST\_NAME, USERID, SALARY)  
values (7,'Steve','Jack','jsteve',9879);






EDIT	ID	LAST_NAME	FIRST_NAME	USERID	SALARY
	1	Patel	Ralph	rpatel	895
	2	Dancs	Betty	bdancs	860
	6	Steve	Jack	jsteve	9879
	7	Priya	Mohan	pmohan	7897
	3	Biri	Ben	bbiri	1100
	4	Newman	Chad	Cnewman	750
	5	Ropebur	Audrey	aropebur	1550
row(s) 1 - 7 of 7					

5. Delete Betty dancs from MY\_EMPLOYEE table. **delete from MY\_EMPLOYEE where LAST\_NAME='Dancs';**

1 row(s) deleted.

EDIT	ID	LAST_NAME	FIRST_NAME	USERID	SALARY
	1	Patel	Ralph	rpatel	895
	6	Steve	Jack	jsteve	9879
	7	Priya	Mohan	pmohan	7897
	3	Biri	Ben	bbiri	1100
	4	Newman	Chad	Cnewman	750
	5	Ropebur	Audrey	aropebur	1550
row(s) 1 - 6 of 6					






6. Empty the fourth row of the emp table. **delete from MY\_EMPLOYEE where ID=4;**

EDIT	ID	LAST_NAME	FIRST_NAME	USERID	SALARY
	1	Patel	Ralph	rpatel	895
	6	Steve	Jack	jsteve	9879
	7	Priya	Mohan	pmohan	7897
	3	Biri	Ben	bbiri	1100
	5	Ropebur	Audrey	aropebur	1550
row(s) 1 - 5 of 5					






7. Make the data additions permanent. **commit;**

8. Change the last name of employee 3 to Drexler. **update MY\_EMPLOYEE set LAST\_NAME='Dexler' where ID=3;**

1 row(s) updated.

EDIT	ID	LAST_NAME	FIRST_NAME	USERID	SALARY
	1	Patel	Ralph	rpatel	895
	6	Steve	Jack	jsteve	9879
	7	Priya	Mohan	pmohan	7897
	3	Dexler	Ben	bbiri	1100
	5	Ropebur	Audrey	aropebur	1550
row(s) 1 - 5 of 5					

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;**

EDIT	ID	LAST_NAME	FIRST_NAME	USERID	SALARY
	1	Patel	Ralph	rpatel	1000
	6	Steve	Jack	jsteve	9879
	7	Priya	Mohan	pmohan	7897
	3	Dexler	Ben	bbiri	1100
	5	Ropebur	Audrey	aropebur	1550
row(s) 1 - 5 of 5					

## **CSE(CYBER SECURITY)-2<sup>nd</sup>YEAR**