

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)
);
```

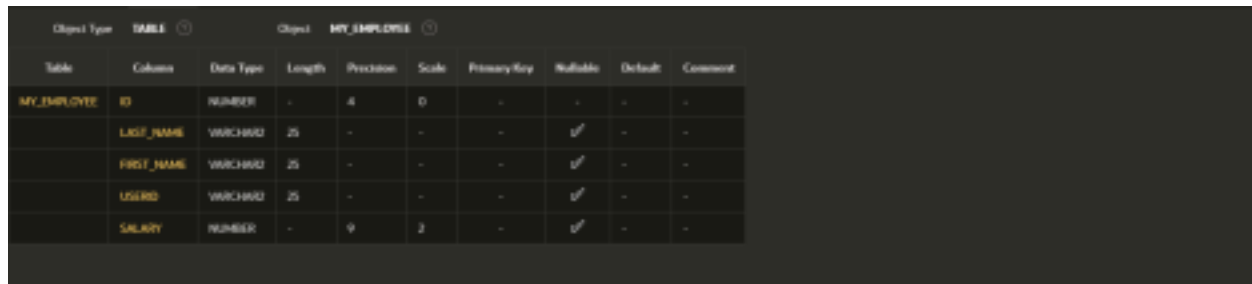


Table	Columns	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
MY_EMPLOYEE	ID	NUMBER	-	4	0	-	-	-	-
	LAST_NAME	VARCHAR2	25	-	-	-	✓	-	-
	FIRST_NAME	VARCHAR2	25	-	-	-	✓	-	-
	USERID	VARCHAR2	25	-	-	-	✓	-	-
	SALARY	NUMBER	-	9	2	-	✓	-	-

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	850
4	Newman	Chad	Chewman	750
1	Patel	Rajiv	rpatal	895
3	Dei	Ben	BDeri	1000
5	Roperbur	Andrey	aroperbur	1050

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`1Delete from MY\_EMPLOYEE

Where FIRST\_NAME = 'Betty' and LAST\_NAME = 'Dancs';

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Rajiv	rpatal	895
5	Dei	Ben	BDeri	1000
4	Newman	Chad	Chewman	750
5	Roperbur	Andrey	aroperbur	1050

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	rpatal	895
3	Dei	Ben	BDeri	1000
4	Newman	Chad	Chewman	750

- 7) Make the data additions

permanentCommit;

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	Edin	1000
4	Hennessy	Chad	CHennessy	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	Edin	1000
4	Hennessy	Chad	CHennessy	1000

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