SUBMITTED BY:

DEEPALI

ID: BTBTI20137

ROLL NO.: 2013182

BRANCH: BTECH IT (A)

BATCH: 2

SUBMITTED TO:

DR. KHANDAKAR F. RAHMAN

SUBJECT: DBMS LAB

SUBJECT CODE: CS212L

TOTAL PAGES SUBMITTED: 5

ASSIGNMENT – 2

ON: MANIPULATING DATA – DML

Q1. Run the statement in the lab2_1.sql script to build the MY_EMPLOYEE table to be used for the lab.

Ans1.

```
CREATE TABLE MY_EMPLOYEE

( ID NUMBER(4) NOT NULL,

LAST_NAME VARCHAR2(25),

FIRST_NAME VARCHAR2(25),

USERID VARCHAR2(8),

SALARY NUMBER(9,2));
```

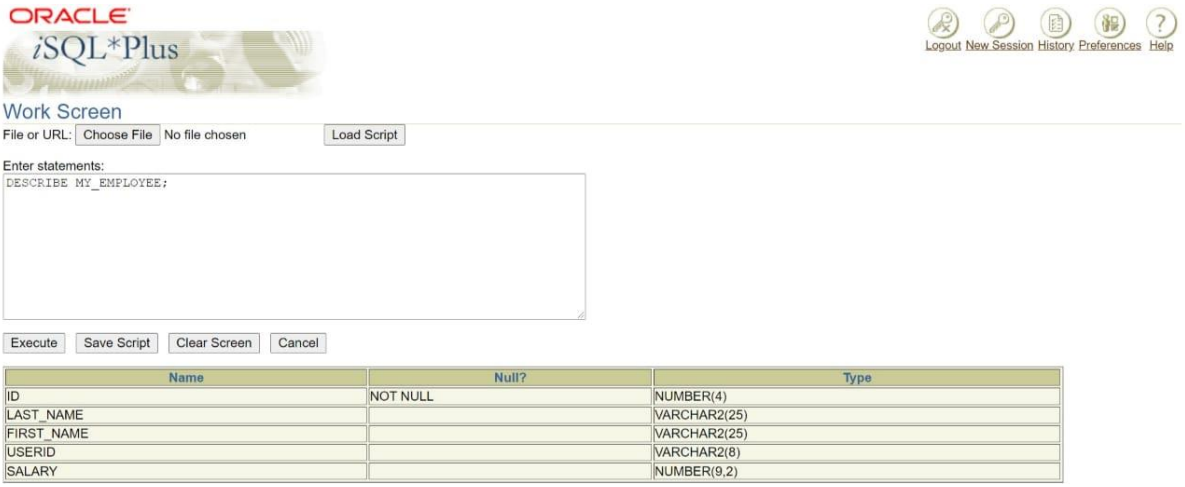
Q2. Describe the structure of the MY_EMPLOYEE table to identify the column names.

NAME	NULL?	TYPE
ID		NUMBER(4)
LAST_NAME		VARCHAR2(25)
FIRST_NAME		VARCHAR2(25)
USERID		VARCHAR2(8)
SALARY		NUMBER(9,2)

Ans2.

```
DESCRIBE MY_EMPLOYEE;
```

Verification table-



Q3.Add the first row of data to the MY_EMPLOYEE table from the following sample data. Do not list the columns in the INSERT clause.

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	Ropeburn	Audrey	aropebur	1550

Ans3.

INSERT INTO MY_EMPLOYEE

VALUES (1, 'Patel', 'Ralph', 'rpatel', 895);

Q4. Populate the MY_EMPLOYEE table with the second row of sample data from the preceding list. This time, list the columns explicitly in the INSERT clause.

Ans4.

INSERT INTO MY_EMPLOYEE

(ID, LAST_NAME, FIRST_NAME, USERID, SALARY)

VALUES (2,'Dancs', 'Betty', 'bdancs', 860);

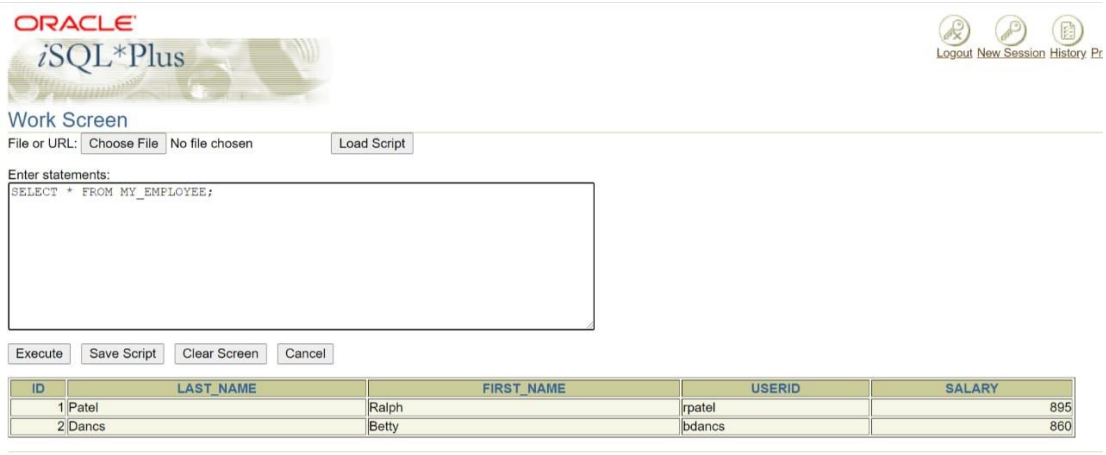
Q5. Confirm your addition to the table.

ID	LAST_NAME	FIRST_NAME	USERID	SALARY
1	Patel	Ralph	rpatel	895
2	Dancs	Betty	bdancs	860

Ans5.

SELECT * FROM MY_EMPLOYEE;

Verification table-



Q6. Populate the MY_EMPLOYEE table with the third, forth, and fifth row of the sample data provided in question 3. Verify the insertions.

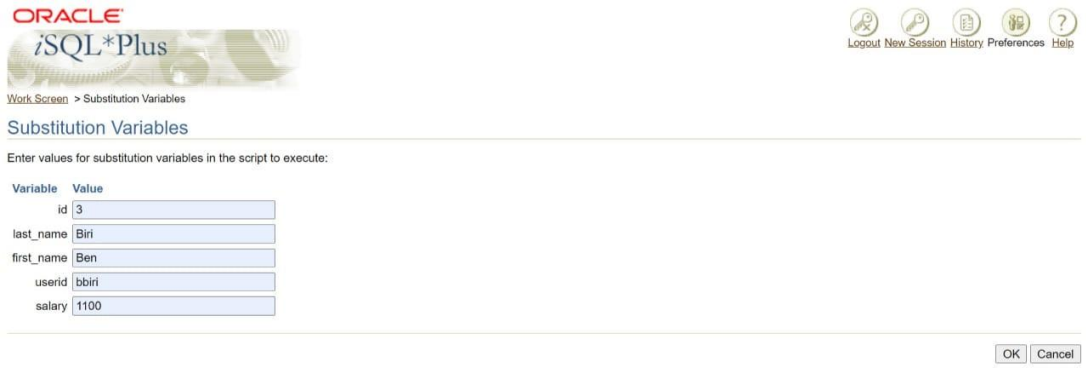
Ans6.

INSERT INTO MY_EMPLOYEE

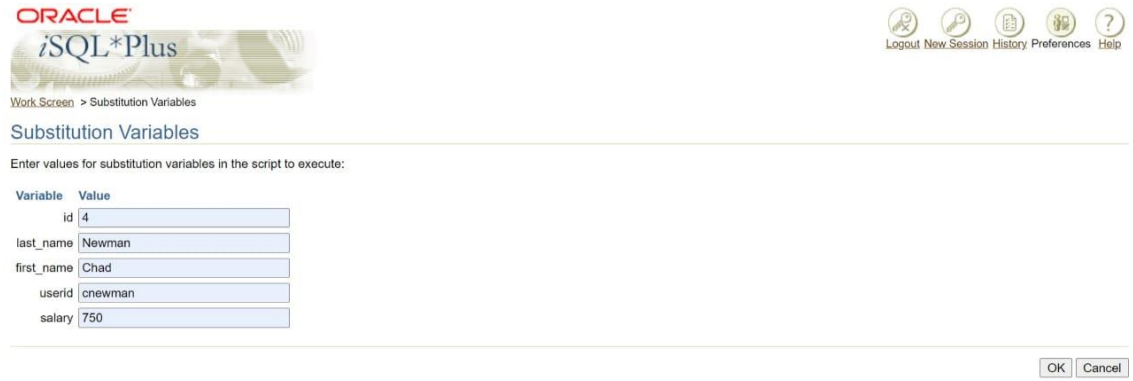
(ID, LAST_NAME, FIRST_NAME, USERID, SALARY)

VALUES (&ID, '&LAST_NAME', '&FIRST_NAME', '&USERID', &SALARY);

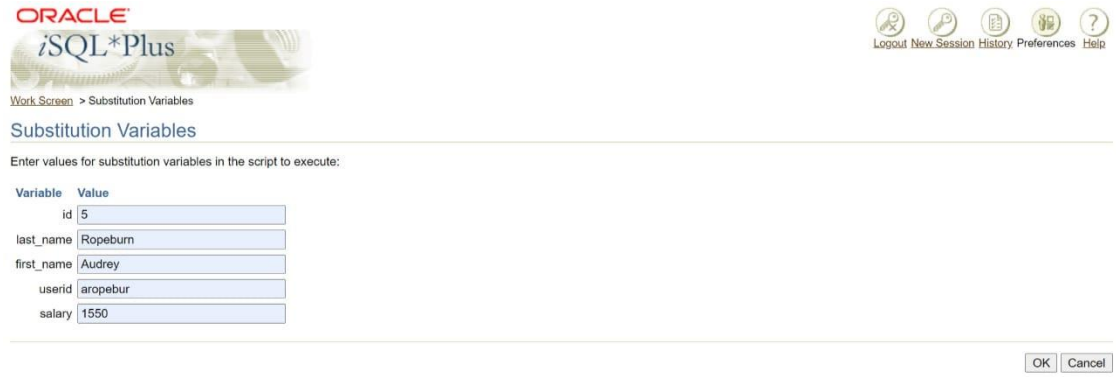
Pop up window 1-



Pop up window 2-

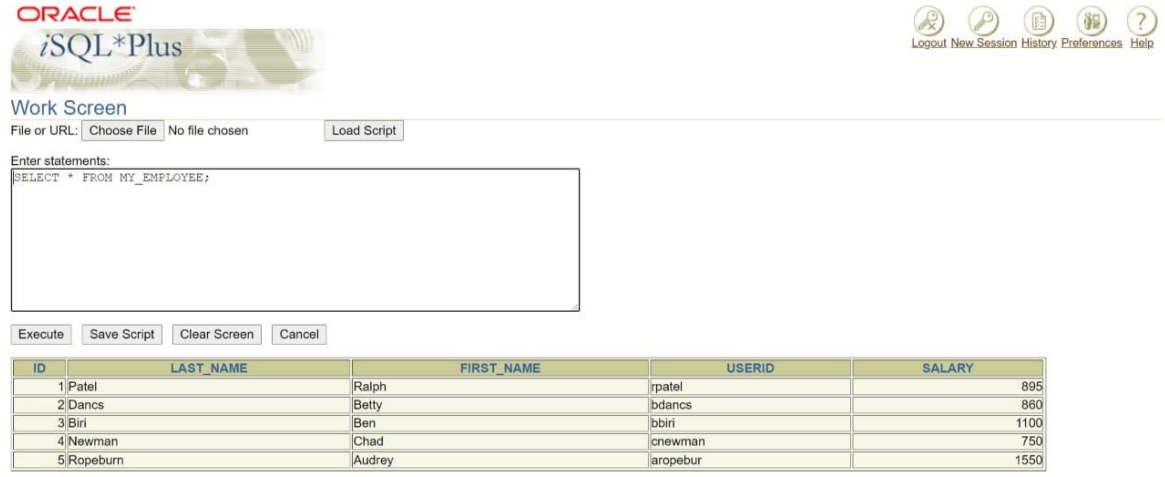


Pop up window 3-



SELECT * FROM MY_EMPLOYEE;

Verification table-



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