EXERCISE-1

Creating and Managing Tables

NAME	PRATHESHA J
ROLL NO	241001172
DEPARTMENT	IT

1. Create the DEPT table based on the DEPARTMENT following the table instance chart below. Confirm that the table is created.
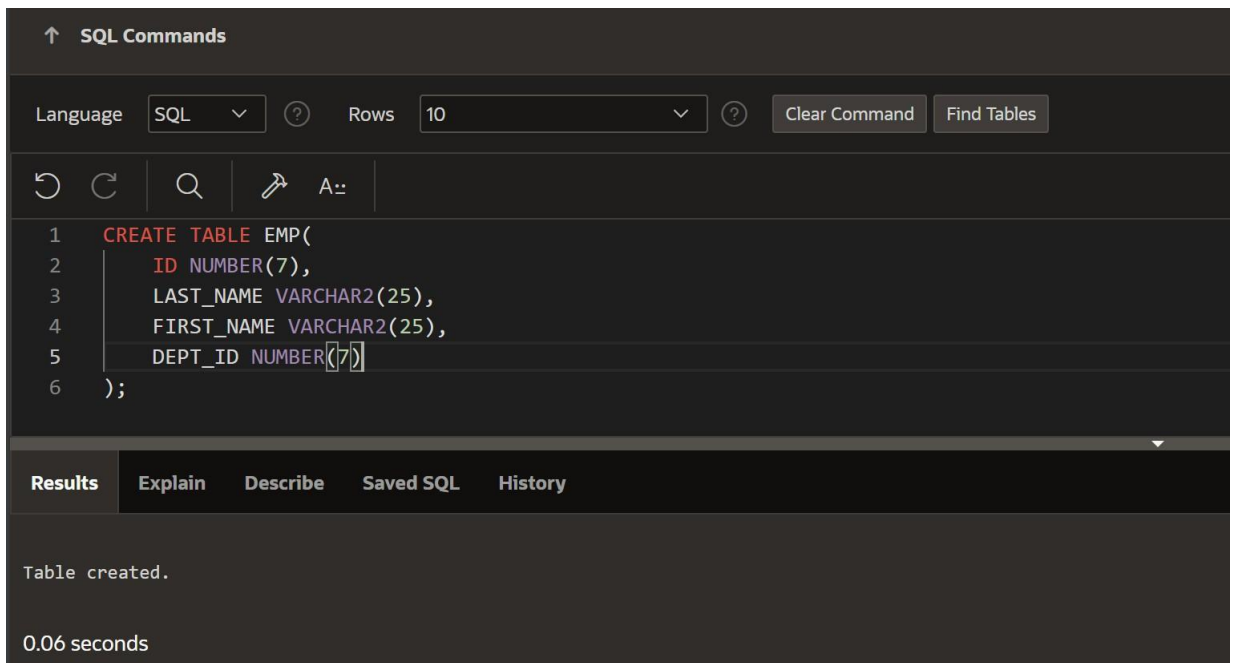

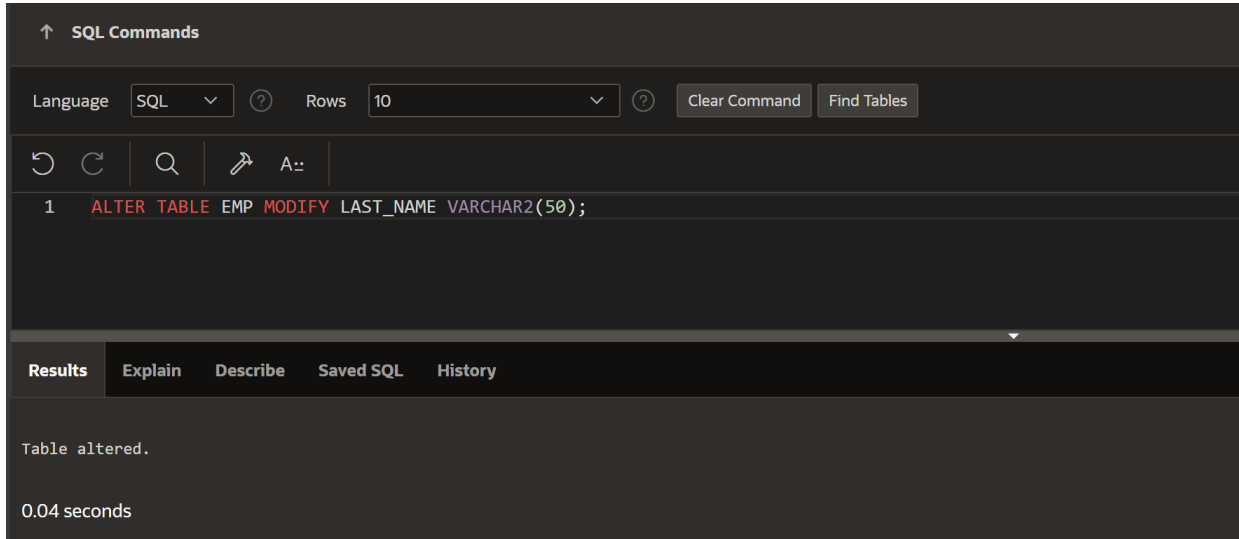2. Create the EMP table based on the following instance chart. Confirm that the table is Created.

3. Modify the EMP table to allow for longer employee last names. Confirm the modification.(Hint: Increase the size to 50)
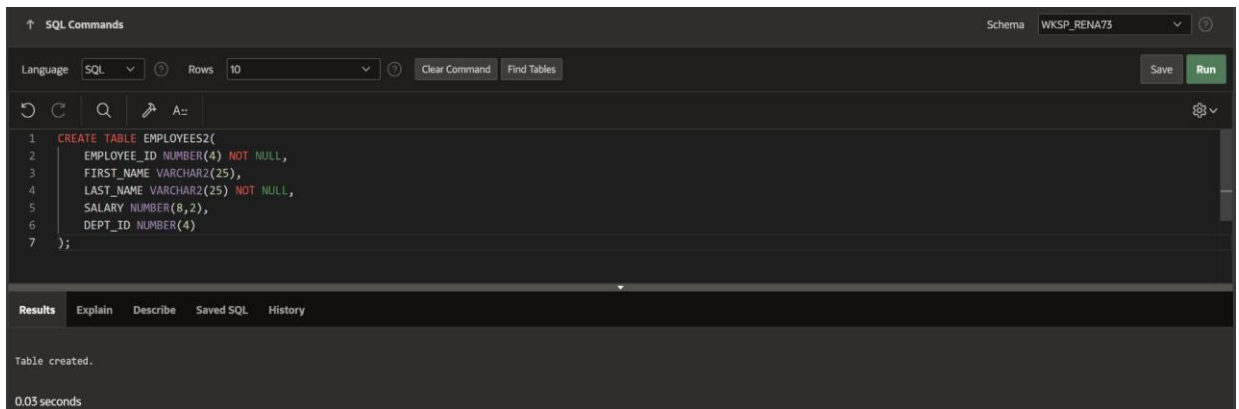
↑ SQL Commands

Language SQL ⌄ ⑦ Rows 10 ⌄ ⑦ Clear Command Find Tables

↺ ↻ Q ⚒ A::

```
1    ALTER TABLE EMP MODIFY LAST_NAME VARCHAR2(50);
```

Results Explain Describe Saved SQL History

Table altered.

0.04 seconds

4. Create the EMPLOYEES2 table based on the structure of EMPLOYEES table. Include Only the Employee_id, First_name, Last_name, Salary and Dept_id columns. Name the columns Id, First_name, Last_name, salary and Dept_id respectively.

↑ SQL Commands   Schema WKSP_RENA73 ⌄ ⑦

Language SQL ⌄ ⑦ Rows 10 ⌄ ⑦ Clear Command Find Tables   Save **Run**

↺ ↻ Q ⚒ A::   ⚙⌄

```
1    CREATE TABLE EMPLOYEES2(
2        EMPLOYEE_ID NUMBER(4) NOT NULL,
3        FIRST_NAME VARCHAR2(25),
4        LAST_NAME VARCHAR2(25) NOT NULL,
5        SALARY NUMBER(8,2),
6        DEPT_ID NUMBER(4)
7    );
```

Results Explain Describe Saved SQL History

Table created.

0.03 seconds

5. Drop the EMP table.

6. Rename the EMPLOYEES2 table as EMP.
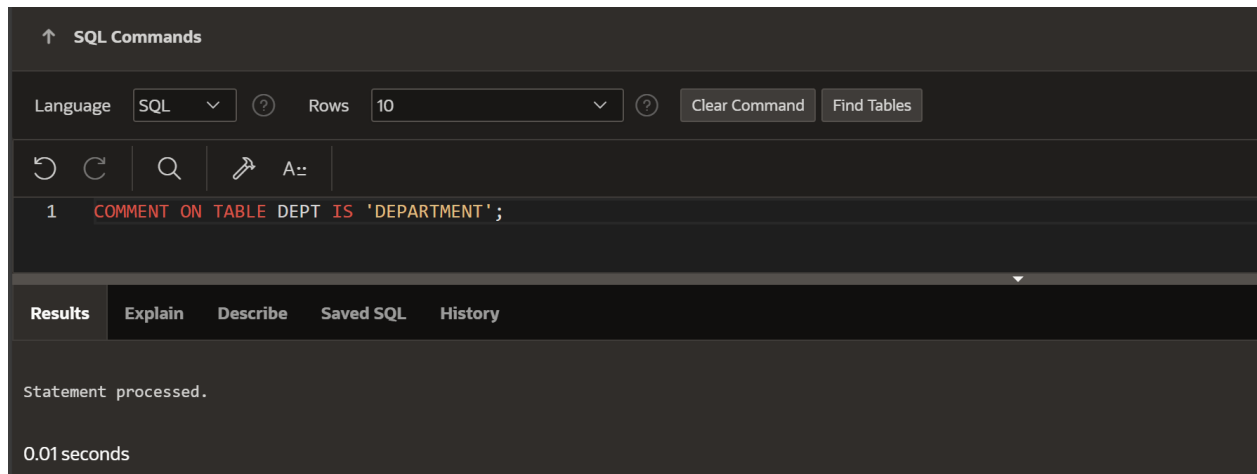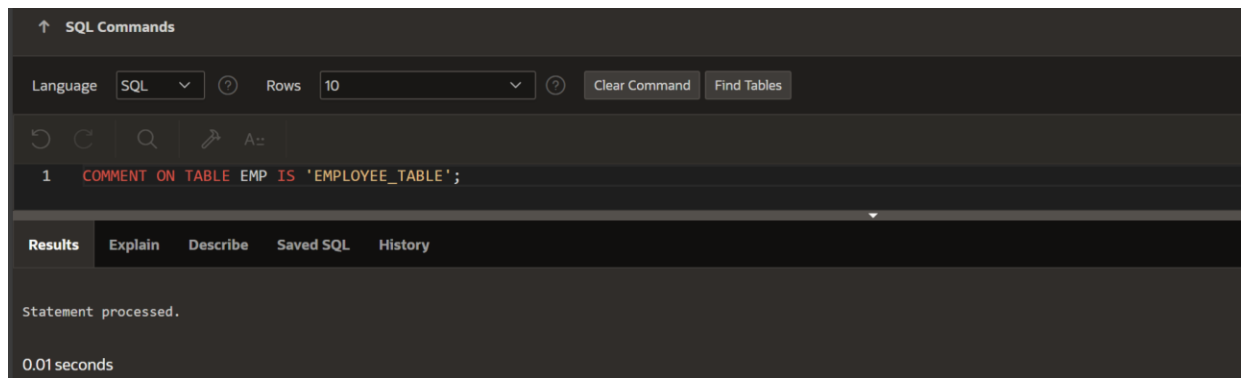
7. Add a comment on DEPT and EMP tables. Confirm the modification by describing the table.
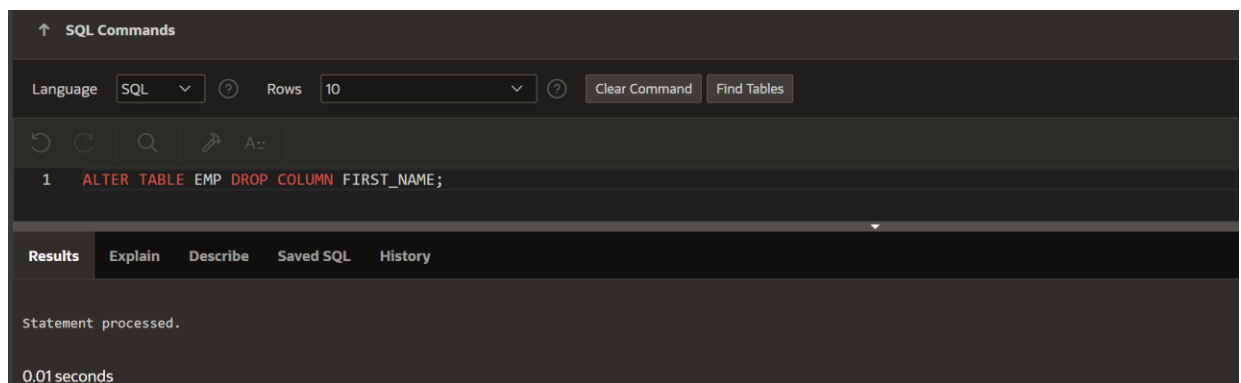
↑ **SQL Commands**

Language [SQL ⌄] ⑦   Rows [10   ⌄] ⑦   [Clear Command] [Find Tables]

↺ ↻ 🔍 ⚒ A∷

1   COMMENT ON TABLE DEPT IS 'DEPARTMENT';

Results   Explain   Describe   Saved SQL   History

Statement processed.

0.01 seconds

↑ **SQL Commands**

Language [SQL ⌄] ⑦   Rows [10   ⌄] ⑦   [Clear Command] [Find Tables]

↺ ↻ 🔍 ⚒ A∷

1   COMMENT ON TABLE EMP IS 'EMPLOYEE_TABLE';

Results   Explain   Describe   Saved SQL   History

Statement processed.

0.01 seconds

8. Drop the First_name column from the EMP table and confirm it.

↑ **SQL Commands**

Language [SQL ⌄] ⑦   Rows [10   ⌄] ⑦   [Clear Command] [Find Tables]

↺ ↻ 🔍 ⚒ A∷

1   ALTER TABLE EMP DROP COLUMN FIRST_NAME;

Results   Explain   Describe   Saved SQL   History

Statement processed.

0.01 seconds