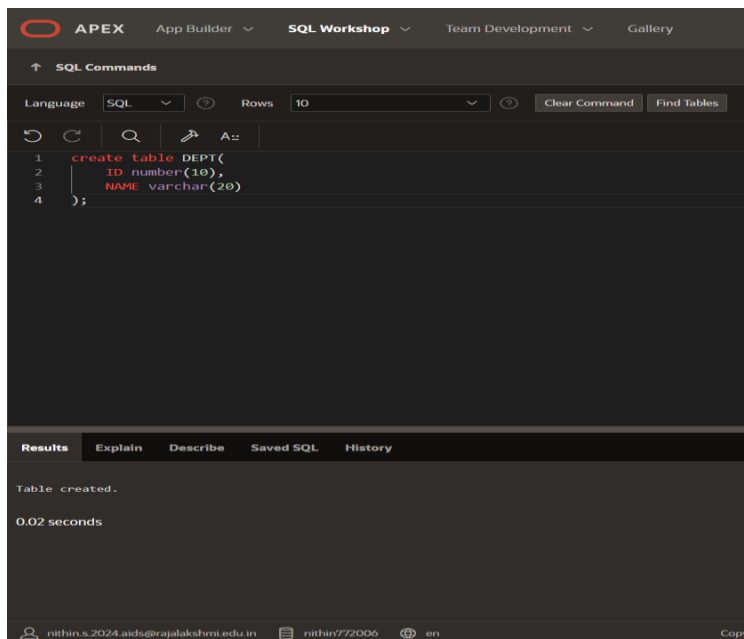
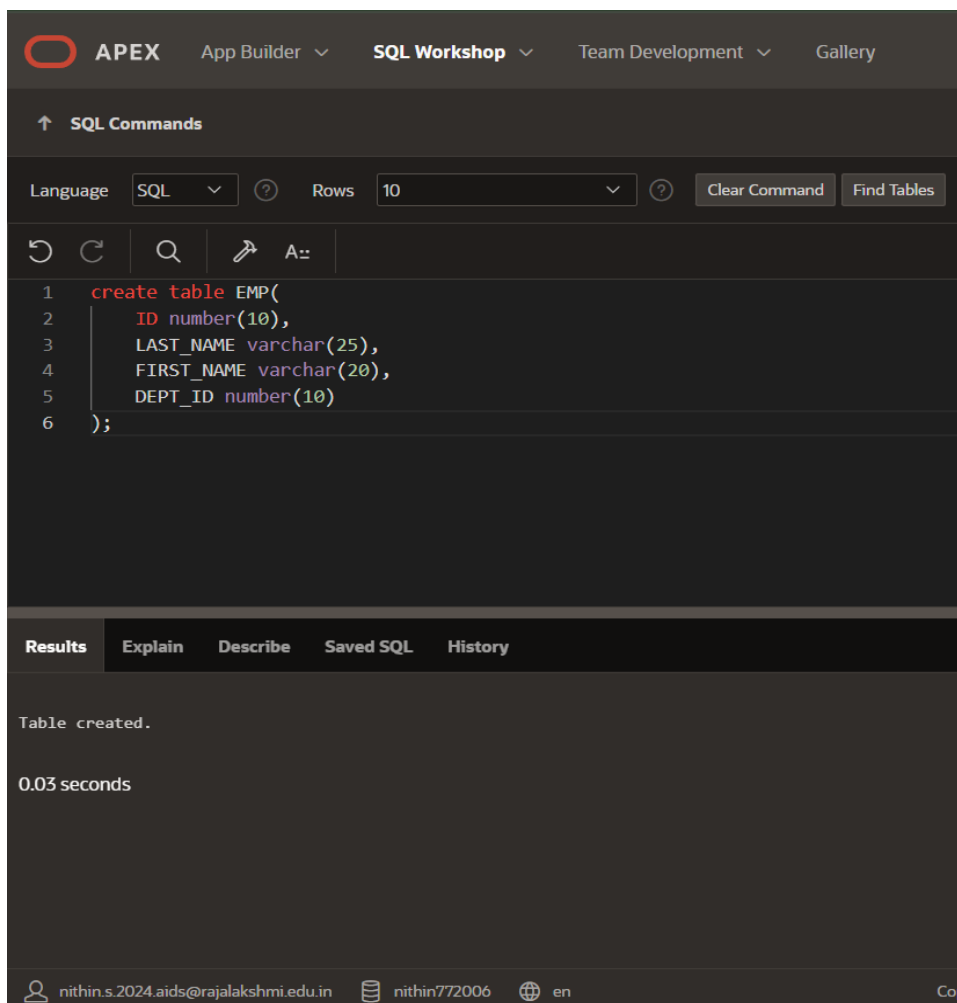


1. Create the DEPT table based on the DEPARTMENT following the table instance chart below. Confirm that the table is created.



The screenshot shows the APEX SQL Workshop interface. The top navigation bar includes 'APEX', 'App Builder', 'SQL Workshop', 'Team Development', and 'Gallery'. The 'SQL Commands' section is active, displaying a SQL command to create a table named 'DEPT' with columns 'ID' (number(10)) and 'NAME' (varchar(20)). The command is:
1 create table DEPT(
2 ID number(10),
3 NAME varchar(20)
4);
The 'Results' tab is selected, showing the message 'Table created.' and the execution time '0.02 seconds'. The bottom status bar shows the user 'nithin.s.2024.aids@rajalakshmi.edu.in', session 'nithin772006', and language 'en'.

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



The screenshot shows the APEX SQL Workshop interface. The top navigation bar includes 'APEX', 'App Builder', 'SQL Workshop', 'Team Development', and 'Gallery'. The 'SQL Commands' section is active, displaying a SQL command to create a table named 'EMP' with columns 'ID' (number(10)), 'LAST_NAME' (varchar(25)), 'FIRST_NAME' (varchar(20)), and 'DEPT_ID' (number(10)). The command is:
1 create table EMP(
2 ID number(10),
3 LAST_NAME varchar(25),
4 FIRST_NAME varchar(20),
5 DEPT_ID number(10)
6);
The 'Results' tab is selected, showing the message 'Table created.' and the execution time '0.03 seconds'. The bottom status bar shows the user 'nithin.s.2024.aids@rajalakshmi.edu.in', session 'nithin772006', and language 'en'.

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

The screenshot shows the APEX SQL Workshop interface. The top navigation bar includes 'APEX', 'App Builder', 'SQL Workshop', 'Team Development', and 'Gallery'. The 'SQL Commands' section is active, showing a command editor with the following SQL statement: `1 alter table emp modify (LAST_NAME varchar(50));`. The 'Results' tab is selected, displaying the message 'Table altered.' and the execution time '0.05 seconds'. The bottom status bar shows the user 'nithin.s.2024.aids@rajalakshmi.edu.in', session 'nithin772006', and language 'en'.

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 coloumns. Name the columns Id, First_name, Last_name, salary and Dept_id respectively.

The screenshot shows the APEX SQL Workshop interface. The top navigation bar includes 'APEX', 'App Builder', 'SQL Workshop', 'Team Development', and 'Gallery'. The 'SQL Commands' section is active, showing a command editor with the following SQL statement: `1 create table EMPLOYEES2(
2 employee_id number(4) not null,
3 first_name varchar(25),
4 last_name varchar(25) not null,
5 salary number(8,2),
6 dept_id number(4)
7);`. The 'Results' tab is selected, displaying the message 'Table created.' and the execution time '0.03 seconds'. The bottom status bar shows the user 'nithin.s.2024.aids@rajalakshmi.edu.in', session 'nithin772006', and language 'en'.

5. Drop the EMP table.

The screenshot shows the APEX SQL Workshop interface. At the top, there are navigation tabs: APEX, App Builder, SQL Workshop (selected), Team Development, and Gallery. Below the tabs, the 'SQL Commands' section is active. It includes a 'Language' dropdown set to 'SQL', a 'Rows' dropdown set to '10', and buttons for 'Clear Command' and 'Find Tables'. The command editor shows a single line of SQL: `1 drop table emp;`. Below the editor, the 'Results' tab is selected, displaying the message 'Table dropped.' and the execution time '0.06 seconds'. The footer contains user information: 'nithin.s.2024.aids@rajalakshmi.edu.in', 'nithin772006', 'en', and a copyright notice.

6. Rename the EMPLOYEES2 table as EMP.

The screenshot shows the APEX SQL Workshop interface. At the top, there are navigation tabs: APEX, App Builder, SQL Workshop (selected), Team Development, and Gallery. Below the tabs, the 'SQL Commands' section is active. It includes a 'Language' dropdown set to 'SQL', a 'Rows' dropdown set to '10', and buttons for 'Clear Command' and 'Find Tables'. The command editor shows a single line of SQL: `1 rename employee to emp;`. Below the editor, the 'Results' tab is selected, displaying the message 'Statement processed.' and the execution time '0.06 seconds'. The footer contains user information: 'nithin.s.2024.aids@rajalakshmi.edu.in', 'nithin772006', 'en', and a copyright notice.

7. Add a comment on DEPT and EMP tables. Confirm the modification by describing the table.

The screenshot shows the APEX SQL Workshop interface. At the top, there are navigation tabs: APEX, App Builder, SQL Workshop (selected), Team Development, and Gallery. Below the tabs, the 'SQL Commands' section is active. It includes a 'Language' dropdown set to 'SQL', a 'Rows' dropdown set to '10', and buttons for 'Clear Command' and 'Find Tables'. The SQL editor shows the command: `COMMENT ON TABLE dept IS 'department';` on line 1. Below the editor, the 'Results' tab is selected, displaying 'Statement processed.' and '0.02 seconds'. The footer shows the user 'nithin.s.2024.aids@rajalakshmi.edu.in', session 'nithin772006', language 'en', and a copyright notice.

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

The screenshot shows the APEX SQL Workshop interface. At the top, there are navigation tabs: APEX, App Builder, SQL Workshop (selected), Team Development, and Gallery. Below the tabs, the 'SQL Commands' section is active. It includes a 'Language' dropdown set to 'SQL', a 'Rows' dropdown set to '10', and buttons for 'Clear Command' and 'Find Tables'. The SQL editor shows the command: `COMMENT ON TABLE emp IS 'Employee Table';` on line 1. Below the editor, the 'Results' tab is selected, displaying 'Statement processed.' and '0.02 seconds'. The footer shows the user 'nithin.s.2024.aids@rajalakshmi.edu.in', session 'nithin772006', language 'en', and a copyright notice.



↑ SQL Commands

Language

SQL ▾



Rows

10 ▾



Clear Command

Find Tables



A::

```
1 alter table emp drop column first_name;
```

Results

Explain

Describe

Saved SQL

History

Table altered.

0.08 seconds



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nithin772006



en

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