EXERCISE-1

Creating and Managing Tables

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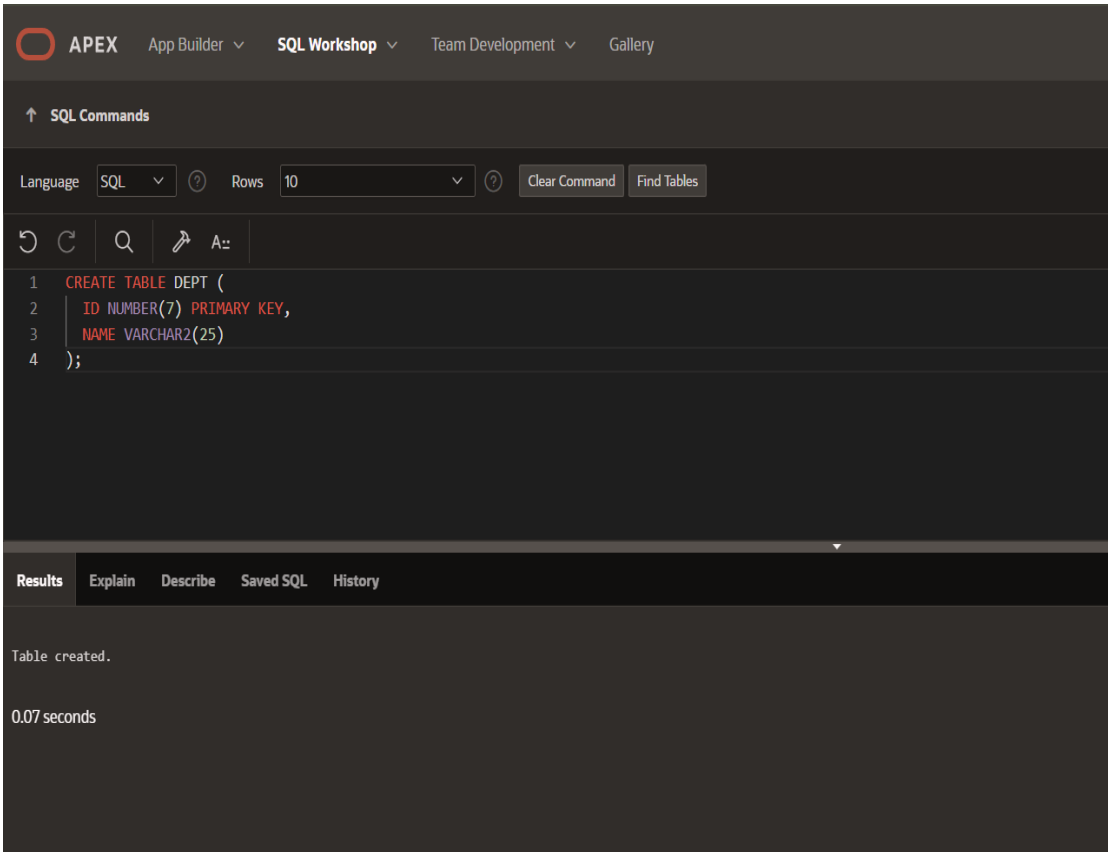
Register Number: 240701580

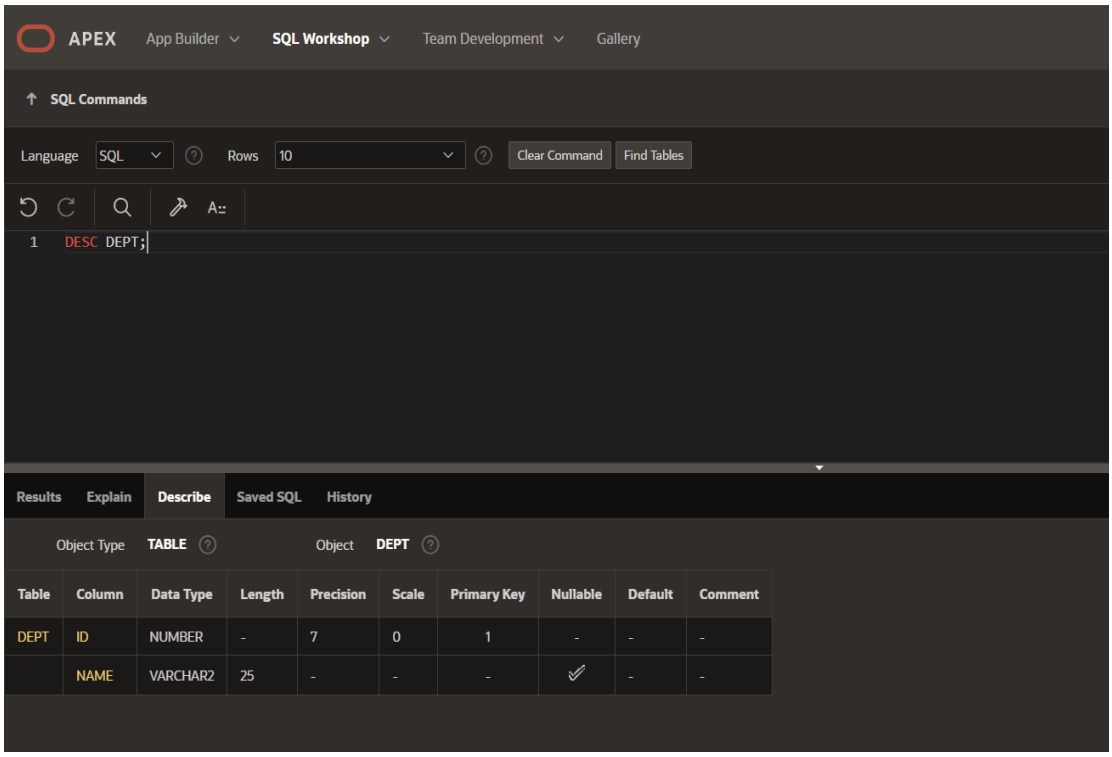
Department: CSE

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

Column name	ID	NAME
Key Type		
Nulls/Unique		
FK Table		
FK Column		
Data Type	Number	Varchar2
Length	7	25

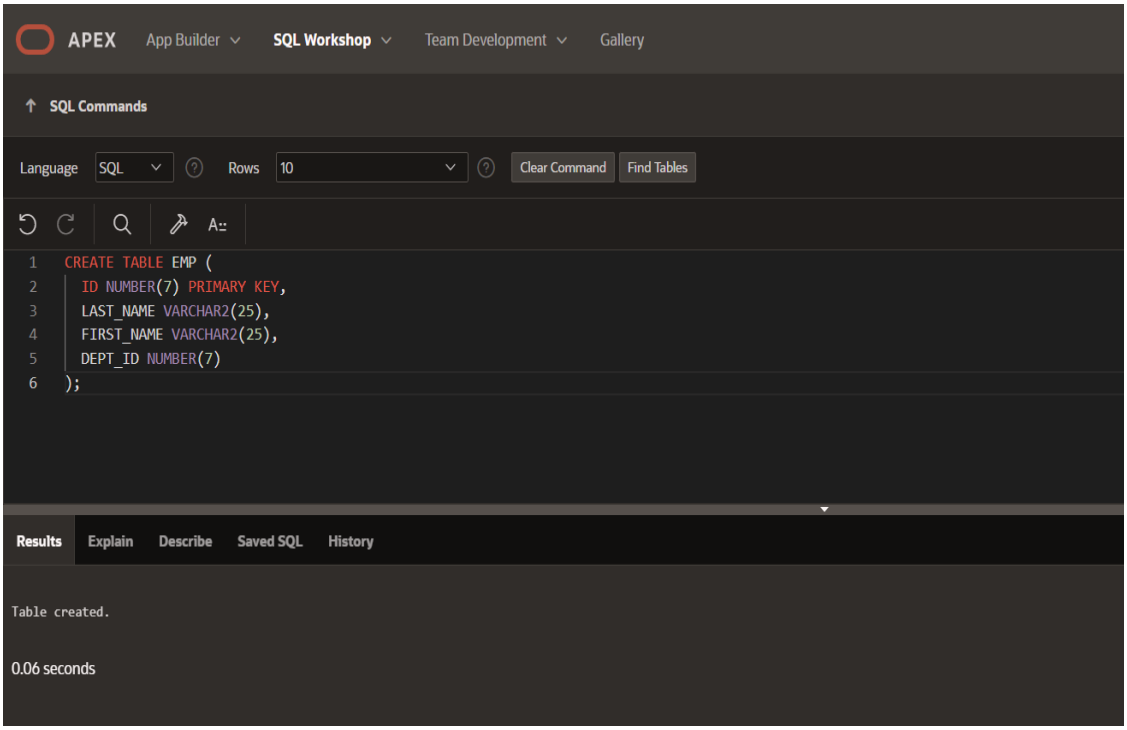


To confirm the table creation:



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

Column name	ID	LAST_NAME	FIRST_NAME	DEPT_ID
Key Type				
Nulls/Unique				
FK Table				
FK Column				
Data Type	Number	Varchar2	Varchar2	Number
Length	7	25	25	7



To confirm the table creation:

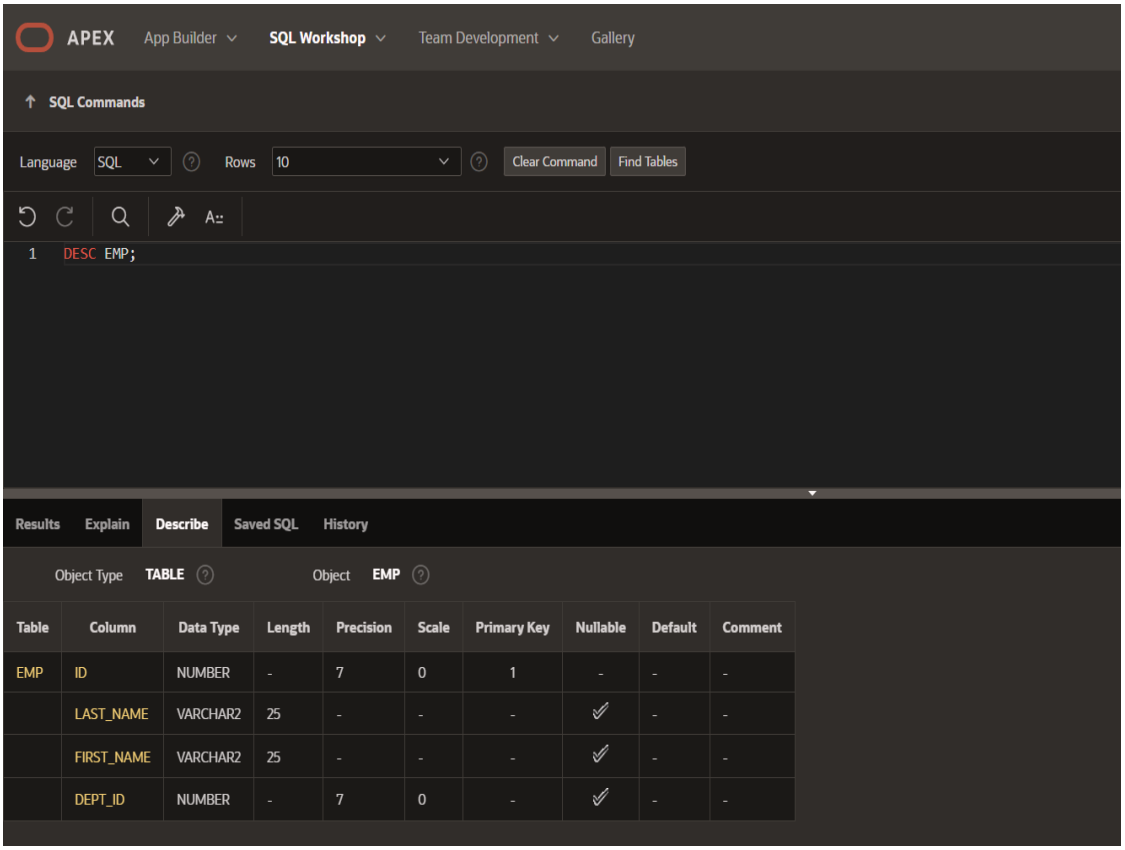
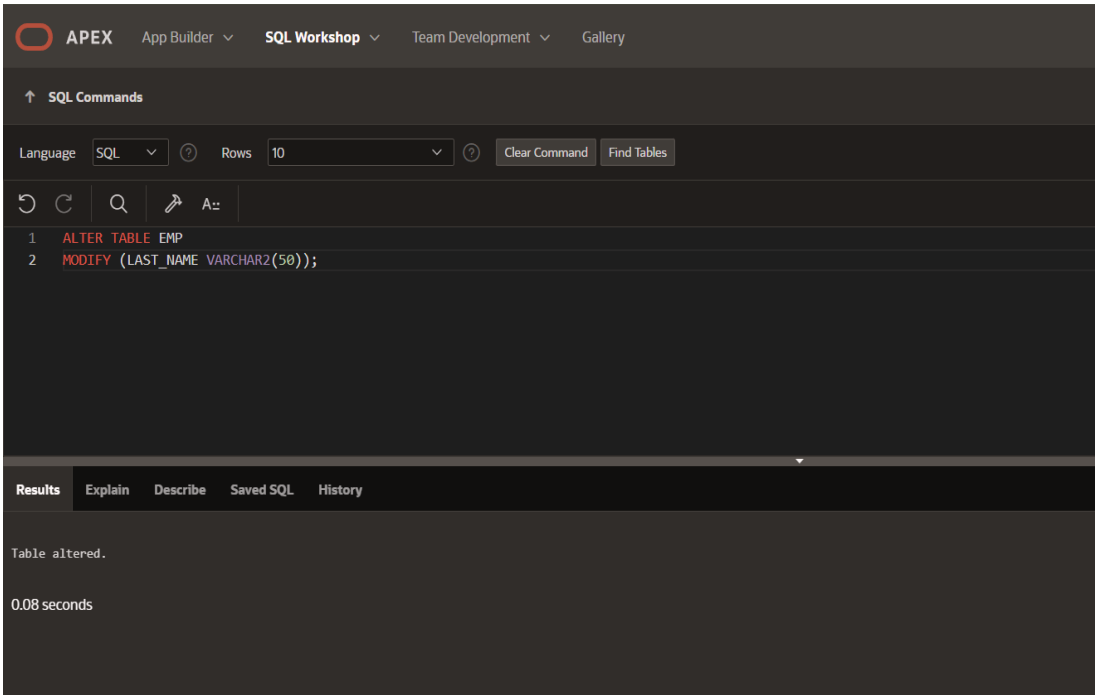
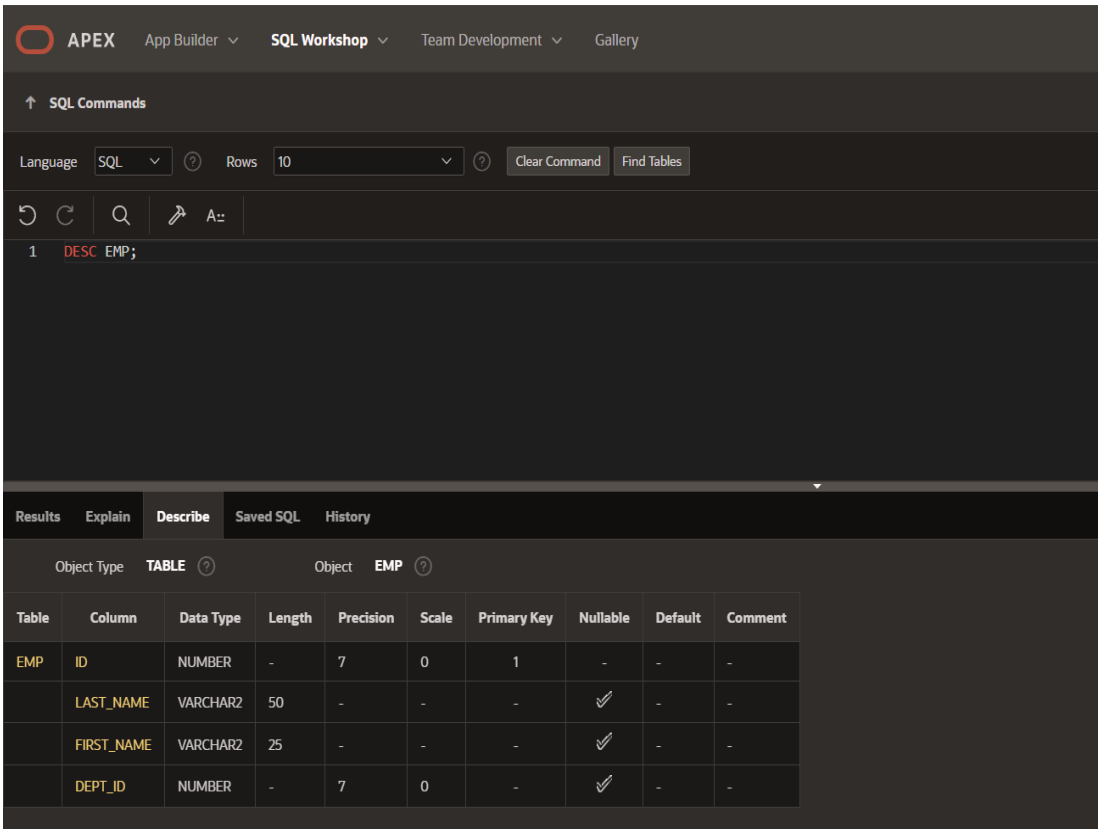


Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
EMP	ID	NUMBER	-	7	0	1	-	-	-
	LAST_NAME	VARCHAR2	25	-	-	-	✓	-	-
	FIRST_NAME	VARCHAR2	25	-	-	-	✓	-	-
	DEPT_ID	NUMBER	-	7	0	-	✓	-	-

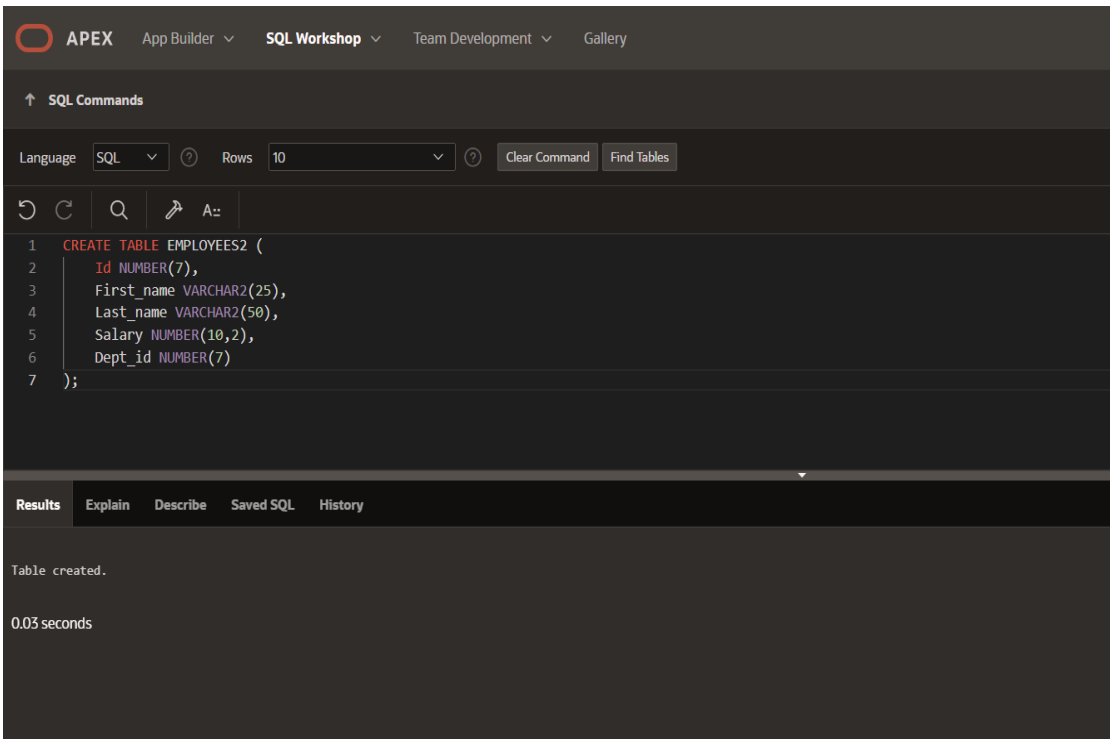
3. Modify the EMP table to allow for longer employee last names. Confirm the modification. (Hint: Increase the size to 50)



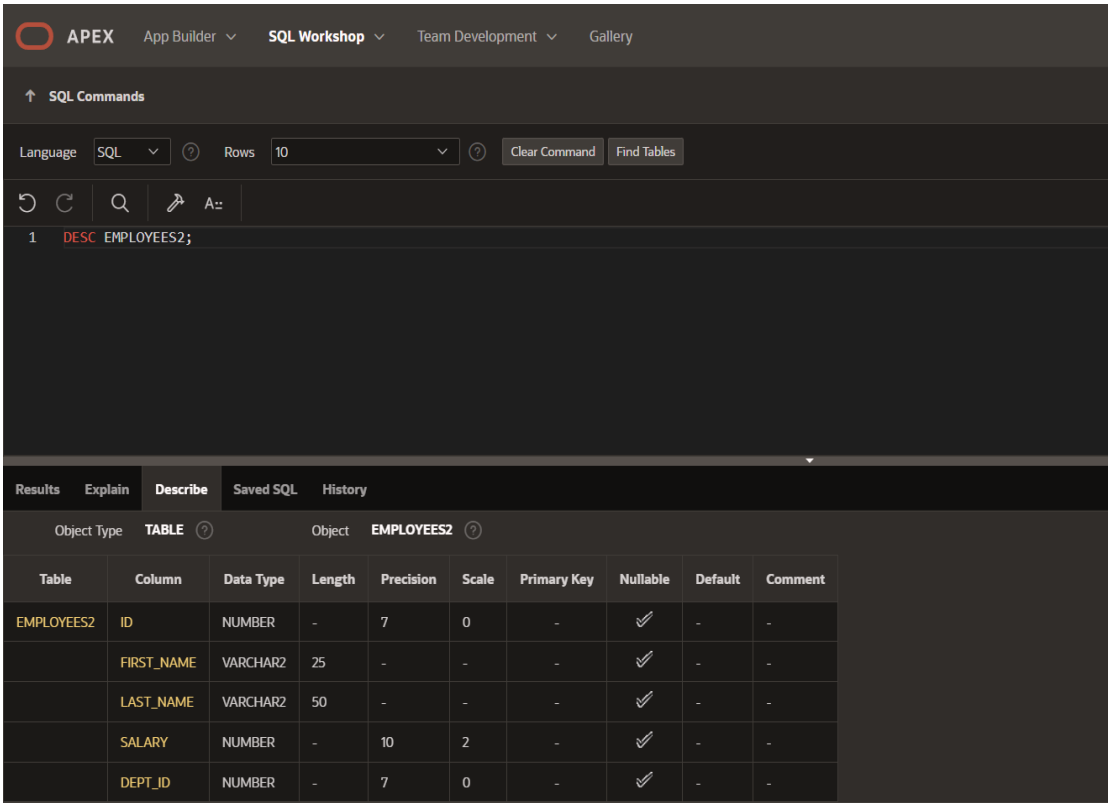
To confirm the modification:



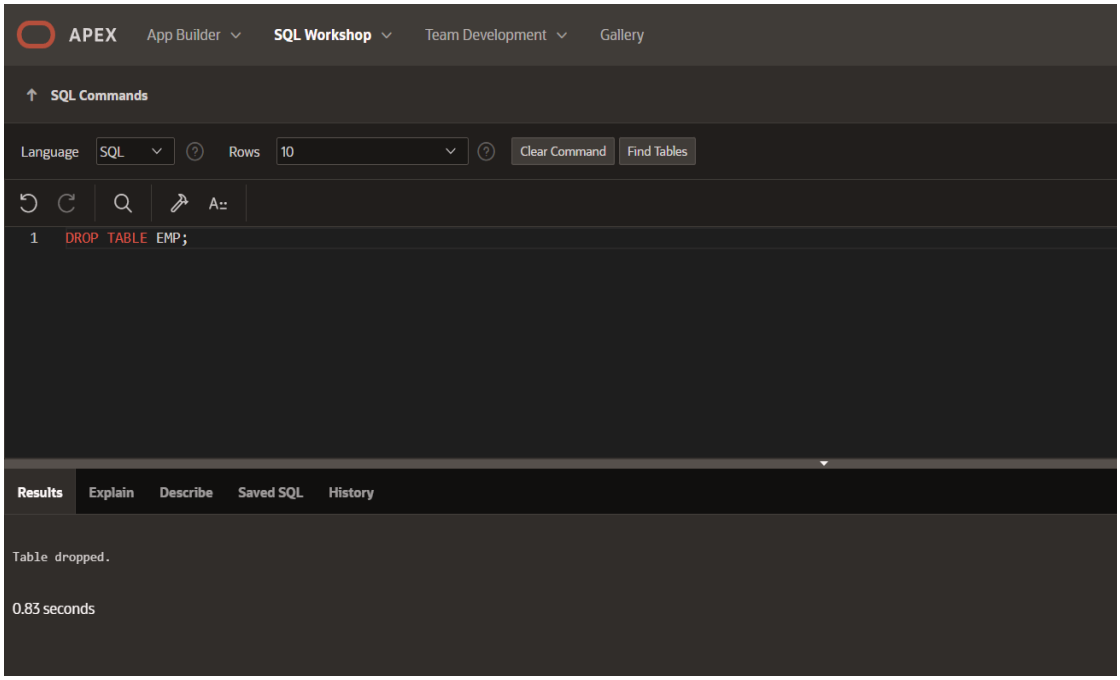
4. Create the EMPLOYEES2 table based on the structure of EMPLOYEES table. Include Only the Employee_id, First_name, Last_name, Salary and Dept_id columns. Name the columns Id, First_name, Last_name, salary and Dept_id respectively.



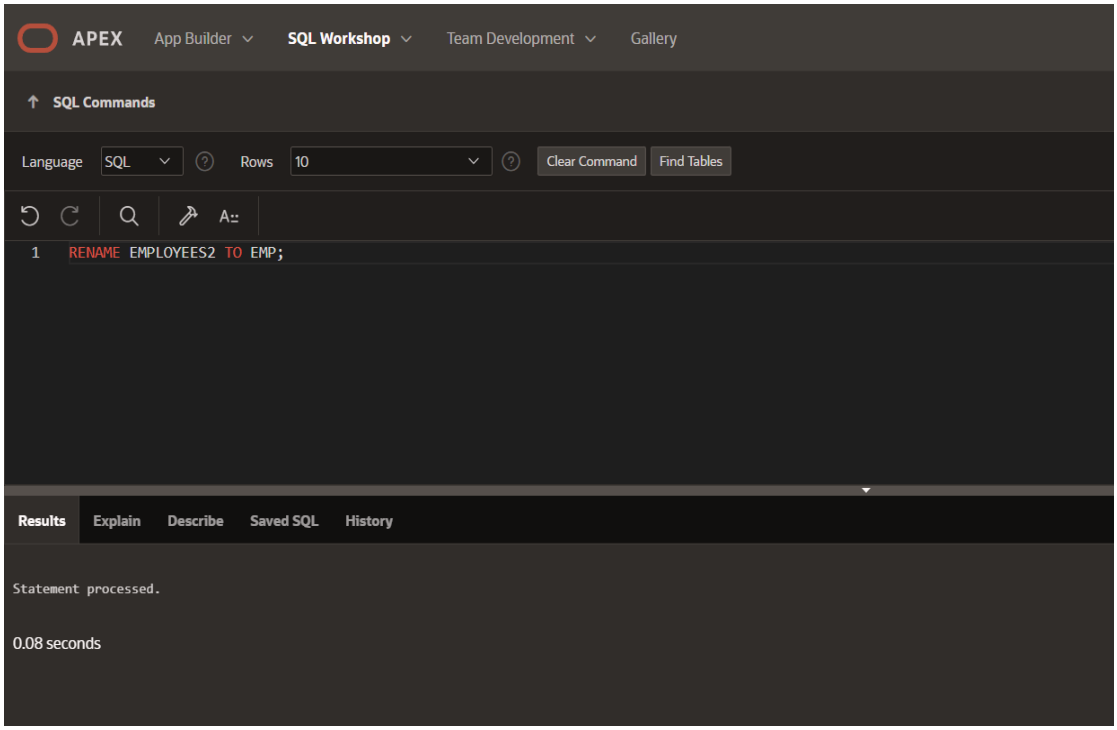
To confirm the table creation:



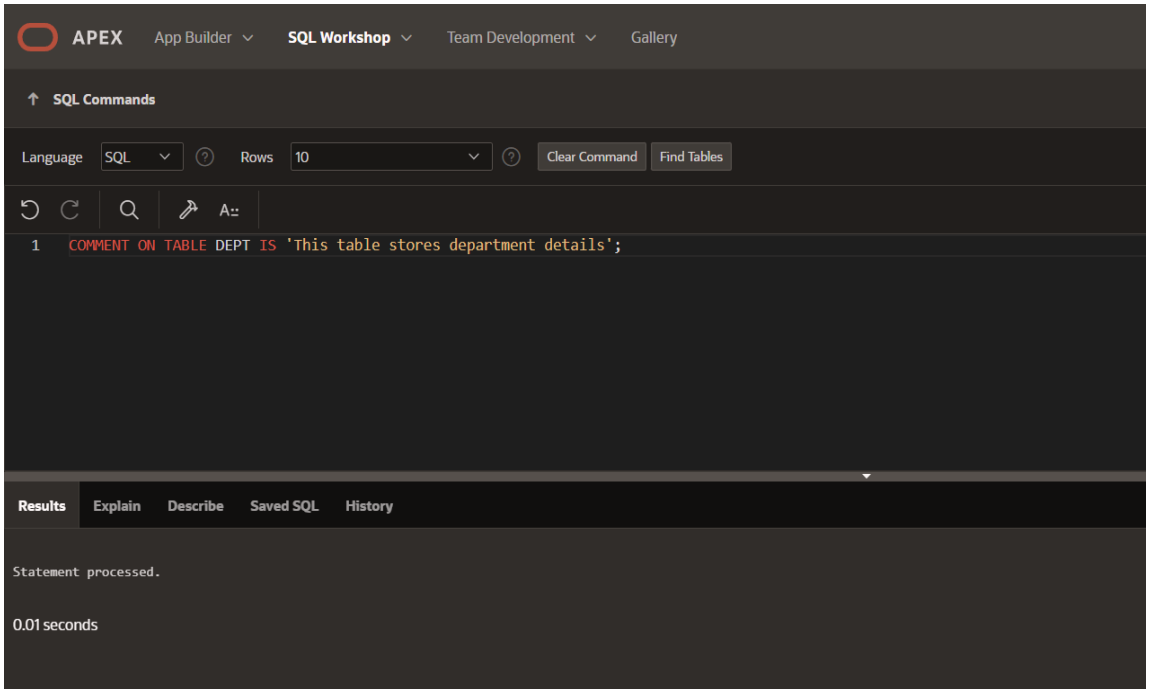
5. Drop the EMP table.

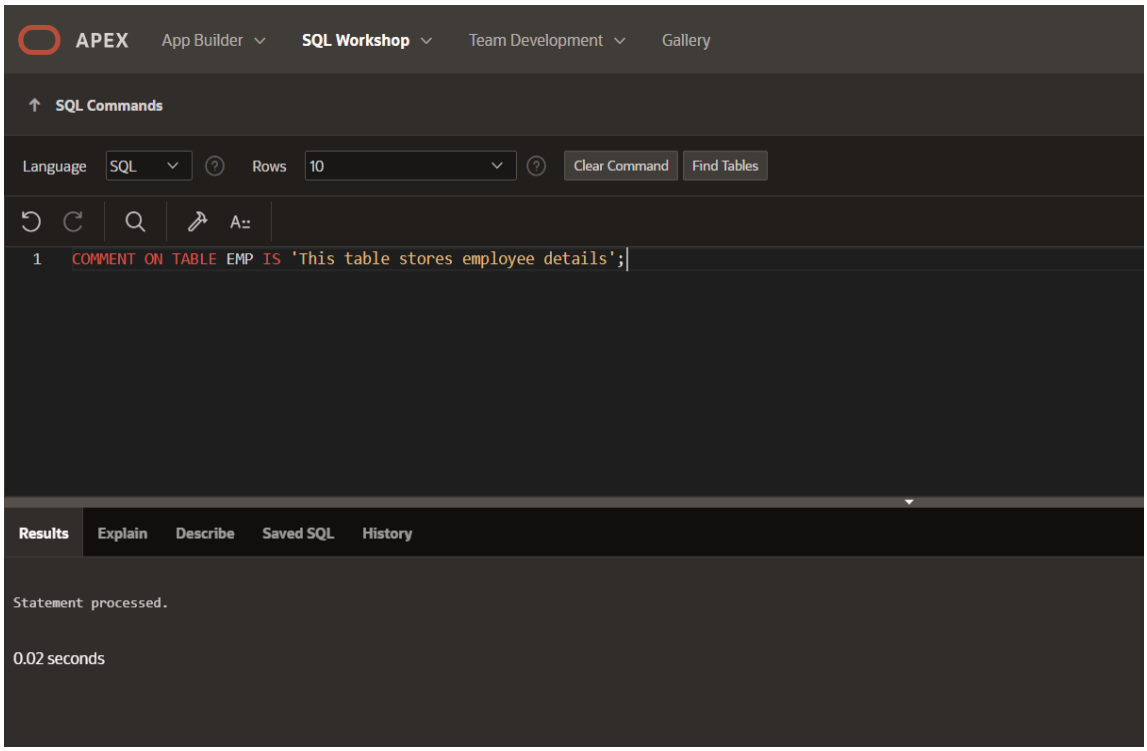


6. Rename the EMPLOYEES2 table as EMP.

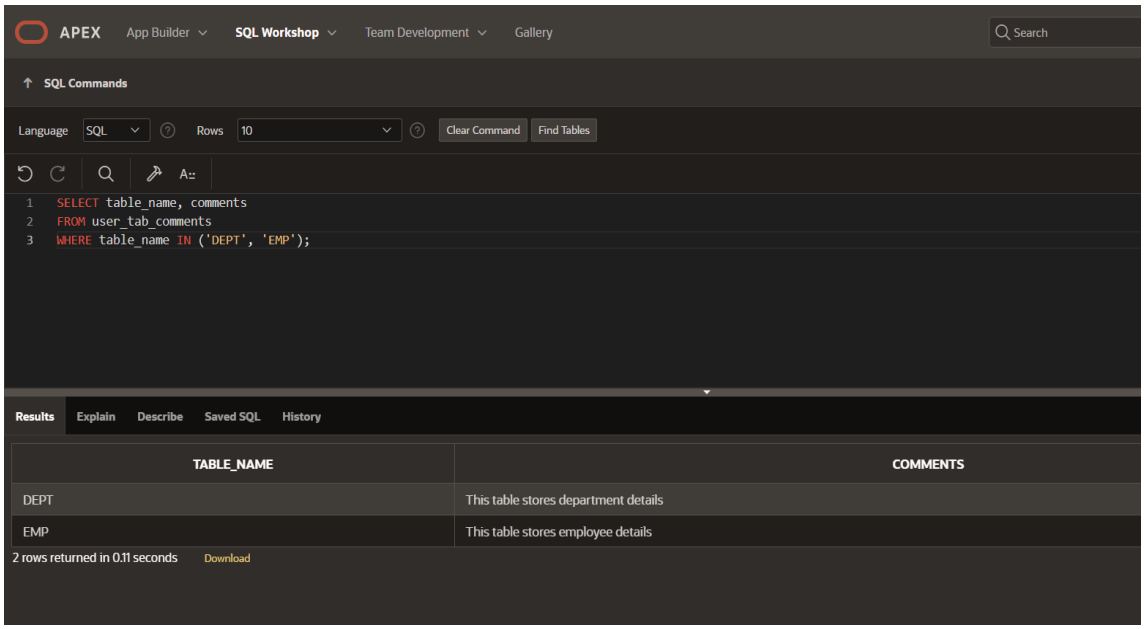


7. Add a comment on DEPT and EMP tables. Confirm the modification by describing the table.

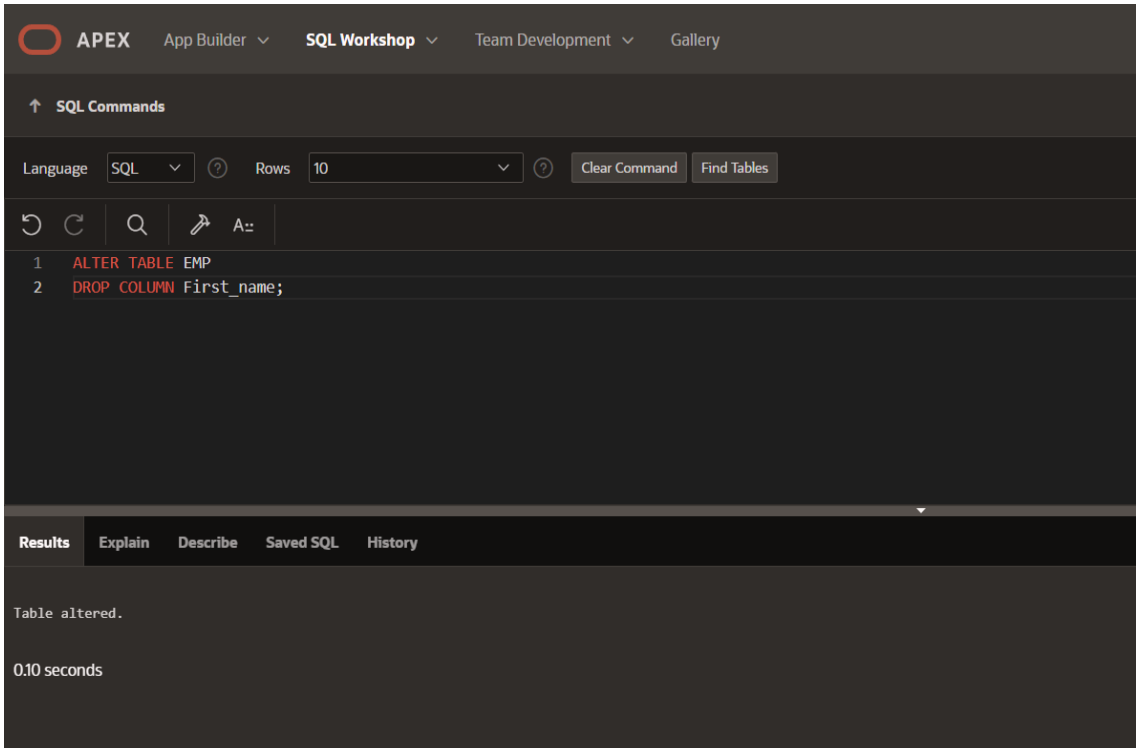
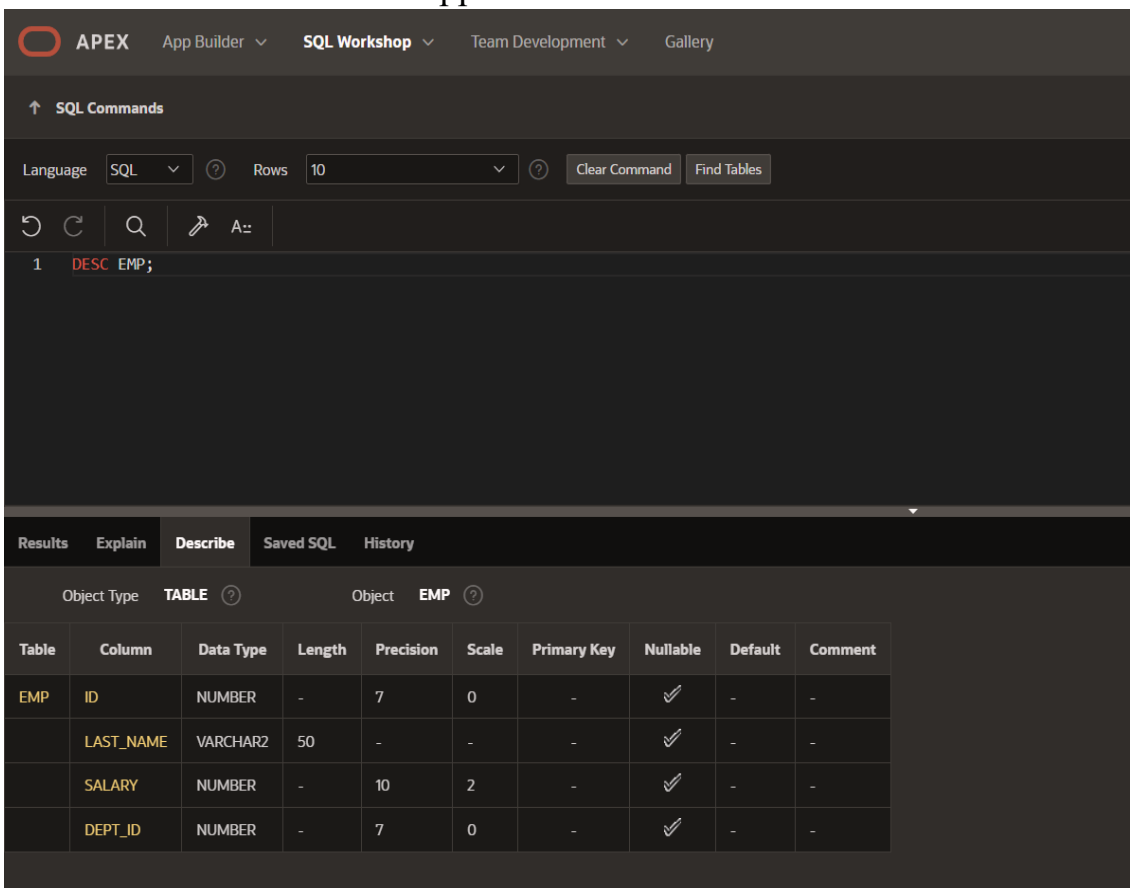




To confirm the comments:



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



To confirm the column is dropped: