EXERCISE-14
OTHER DATABASE OBJECTS

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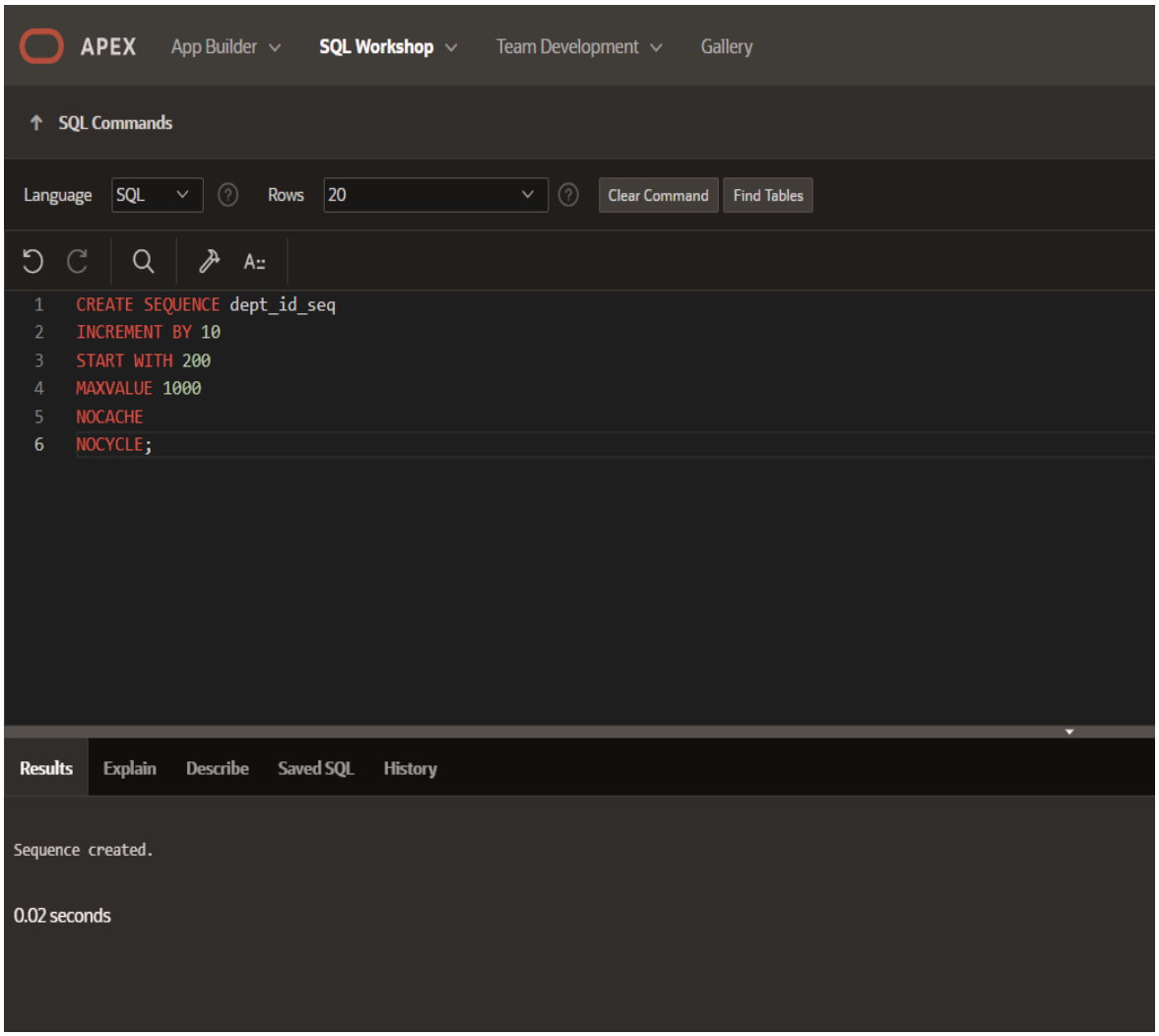
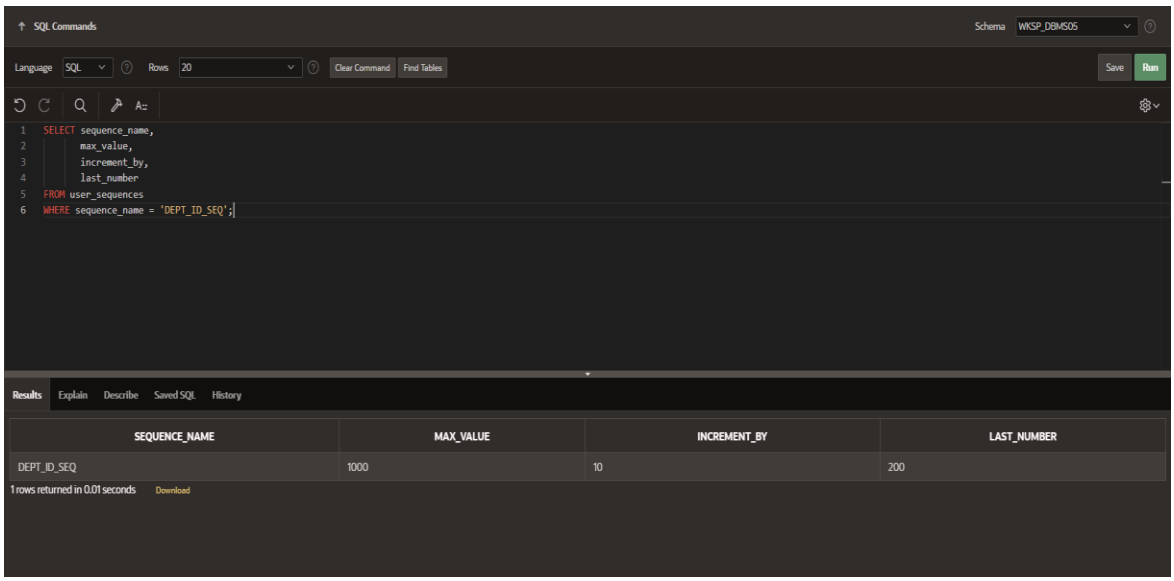
Department: CSE

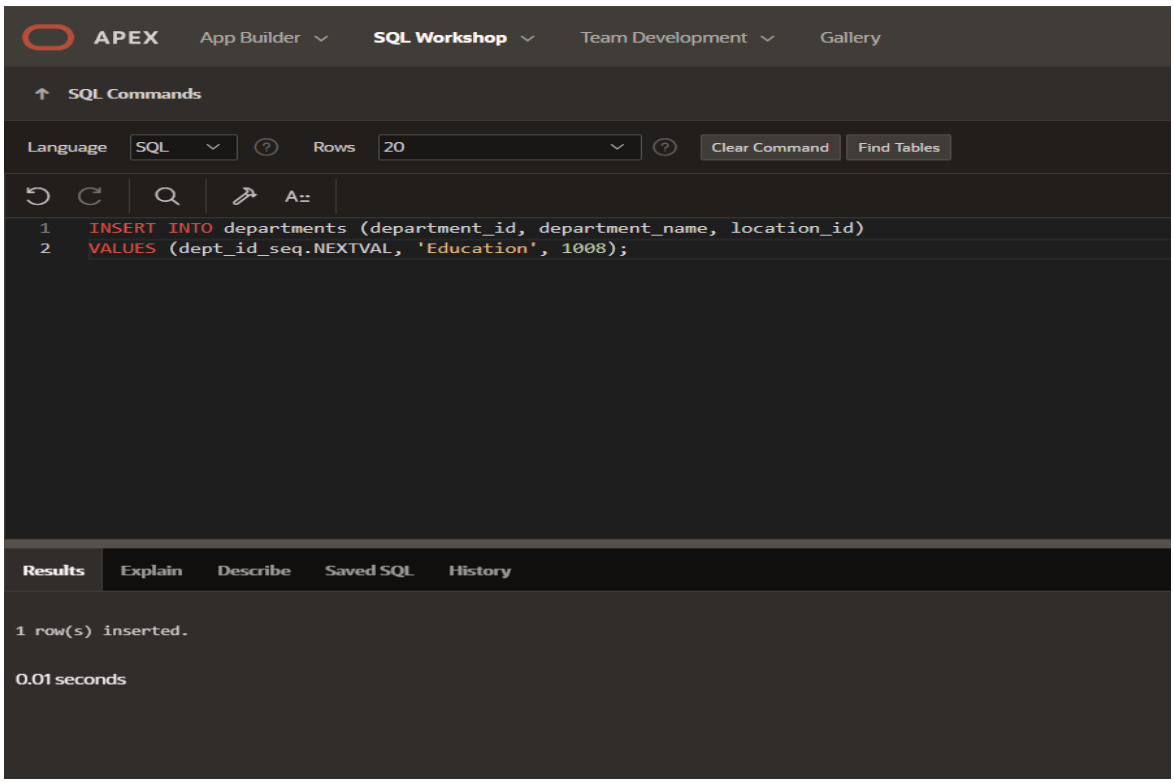
1. Create a sequence to be used with the primary key column of the DEPT table. The sequence should start at 200 and have a maximum value of 1000. Have your sequence increment by ten numbers. Name the sequence DEPT_ID_SEQ.

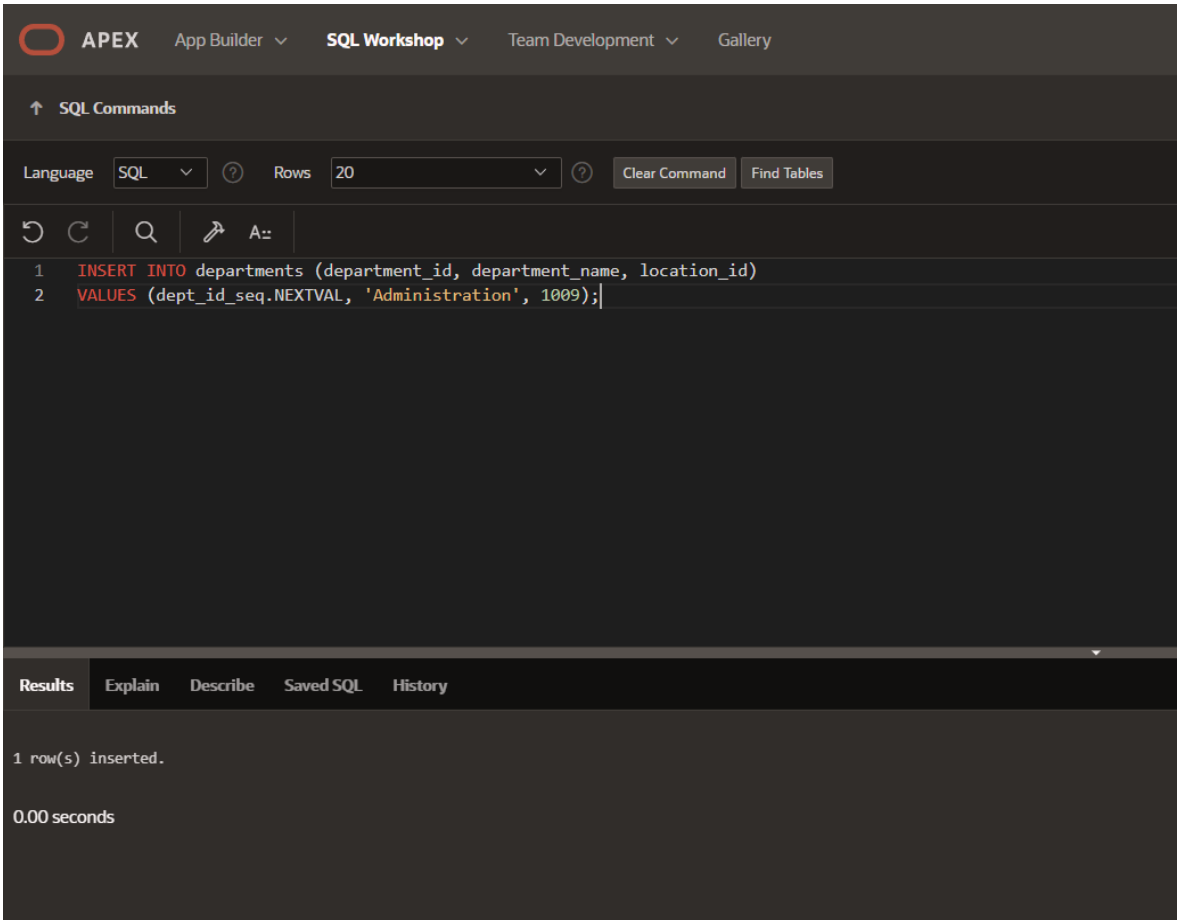


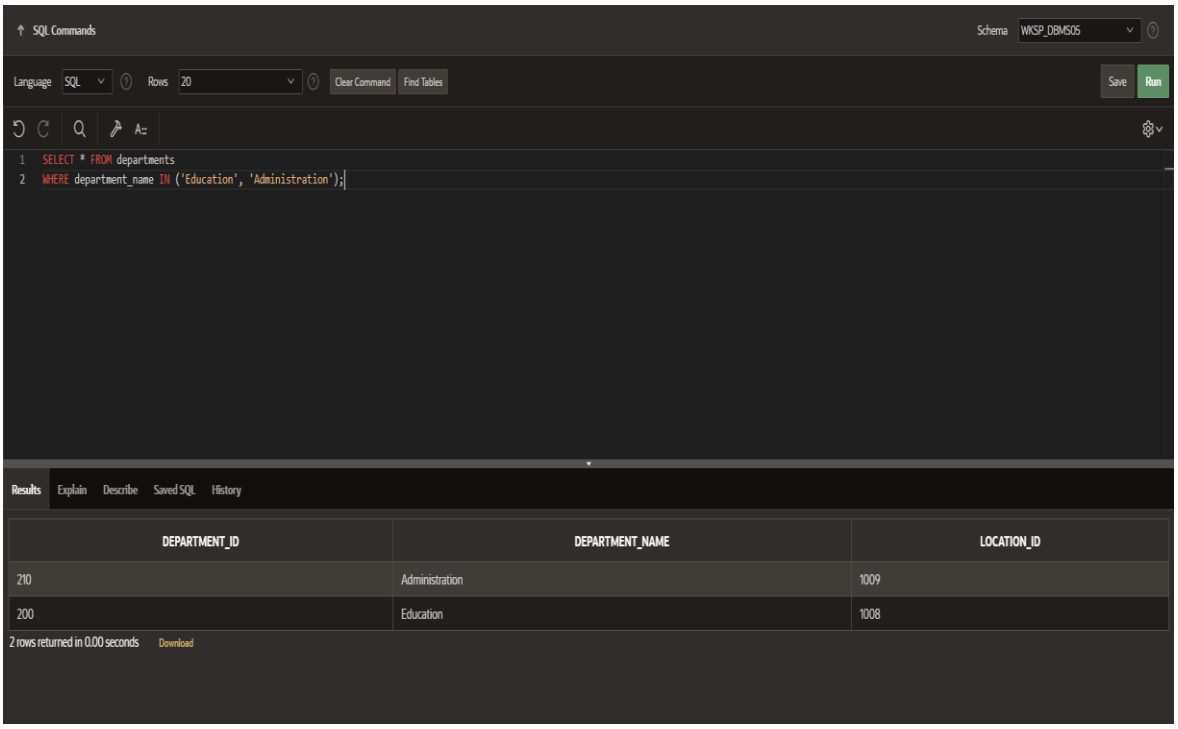
2. Write a query in a script to display the following information about your sequences: sequence name, maximum value, increment size, and last number.



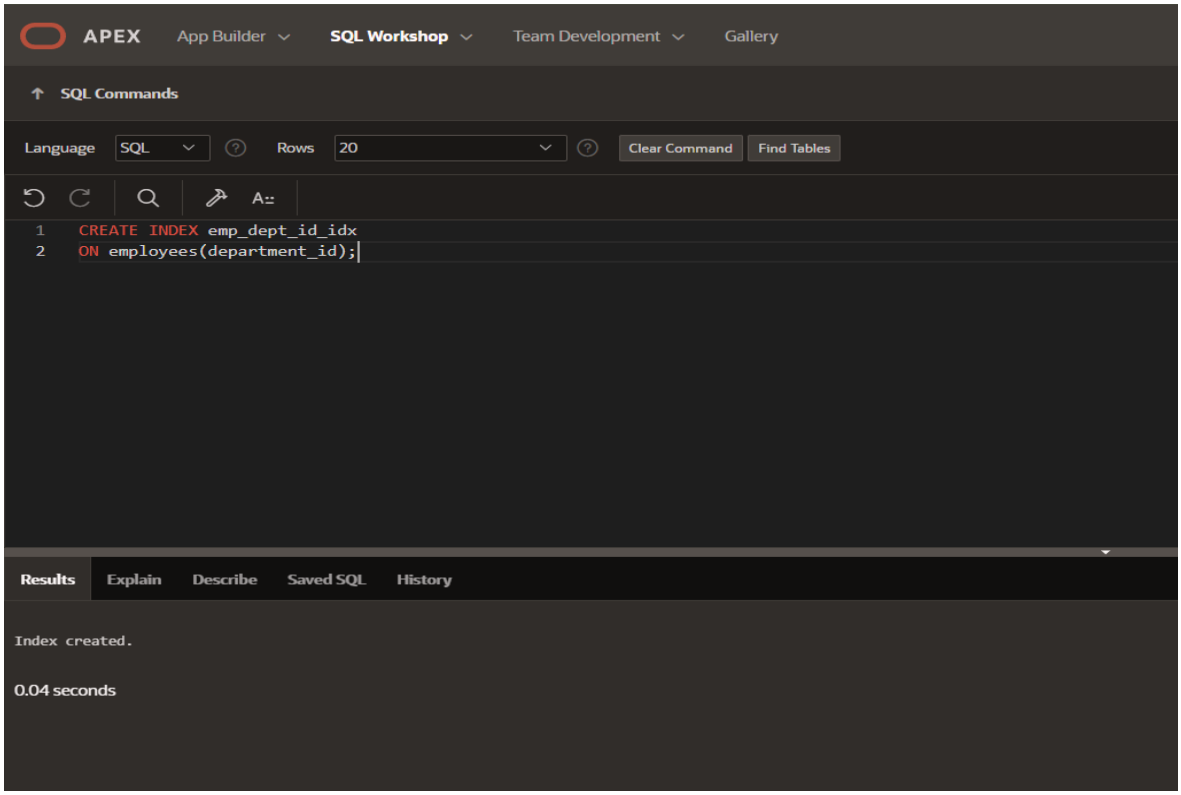
3. Write a script to insert two rows into the DEPT table. Name your script lab12_3.sql. Be sure to use the sequence that you created for the ID column. Add two departments named Education and Administration. Confirm your additions. Run the commands in your script.




APEX
App Builder
SQL Workshop
Team Development
Gallery
SQL Commands
Language
SQL
Rows
20
Clear Command
Find Tables
1 INSERT INTO departments (department_id, department_name, location_id)
2 VALUES (dept_id_seq.NEXTVAL, 'Administration', 1009);
Results
Explain
Describe
Saved SQL
History
1 row(s) inserted.
0.00 seconds


SQL Commands
Schema
WKSP_DBMSOS
Language
SQL
Rows
20
Clear Command
Find Tables
Save
Run
1 SELECT * FROM departments
2 WHERE department_name IN ('Education', 'Administration');
Results
Explain
Describe
Saved SQL
History
DEPARTMENT_ID
DEPARTMENT_NAME
LOCATION_ID
210
Administration
1009
200
Education
1008
2 rows returned in 0.00 seconds
Download

4. Create a nonunique index on the foreign key column (DEPT_ID) in the EMP table.



5. Display the indexes and uniqueness that exist in the data dictionary for the EMP table.