# OTHER DATABASE OBJECTS

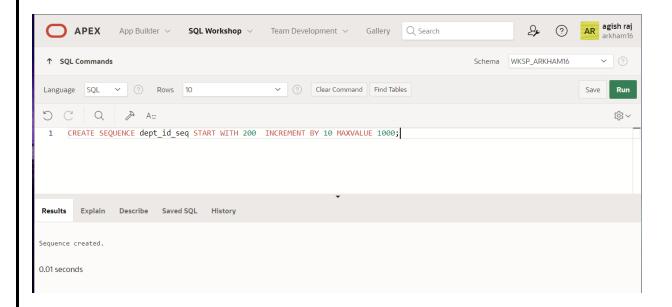
EX\_NO:14 DATE:

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

#### **QUERY:**

CREATE SEQUENCE dept\_id\_seq START WITH 200 INCREMENT BY 10 MAXVALUE 1000;

#### **OUTPUT:**

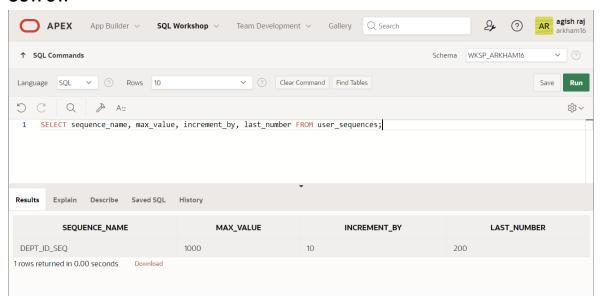


2.) Write a query in a script to display the following information about your sequences: sequence name, maximum value, increment size, and last number

## **QUERY:**

SELECT sequence name, max value, increment by, last number FROM user sequences;

#### **OUTPUT:**

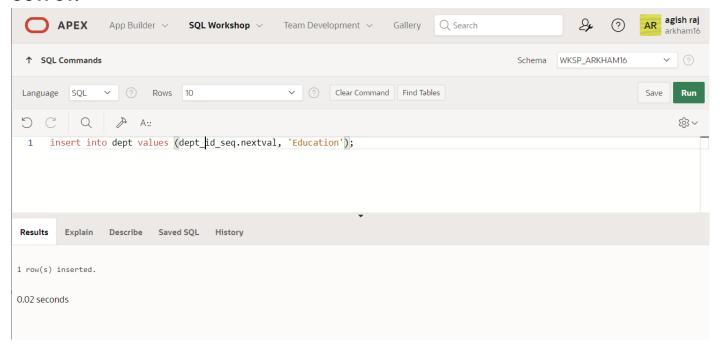


3.) Write a script to insert two rows into the DEPT table. Name your script lab12\_3.sql. Be sure to use the sequence that you created for the ID column. Add two departments named Education and Administration. Confirm your additions. Run the commands in your script.

## **QUERY:**

INSERT INTO dept VALUES (dept\_id\_seq.nextval, 'Education');

## **OUTPUT:**

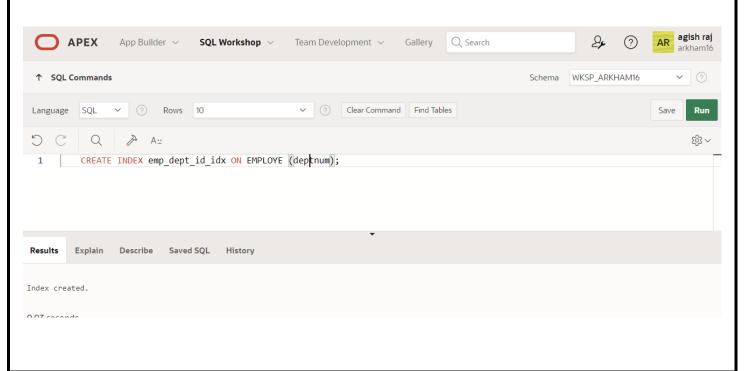


4.) Create a nonunique index on the foreign key column (DEPT\_ID) in the EMP table.

# **QUERY:**

CREATE INDEX emp\_dept\_id\_idx ON EMPLOYEES (department\_id);

#### **OUTPUT:**

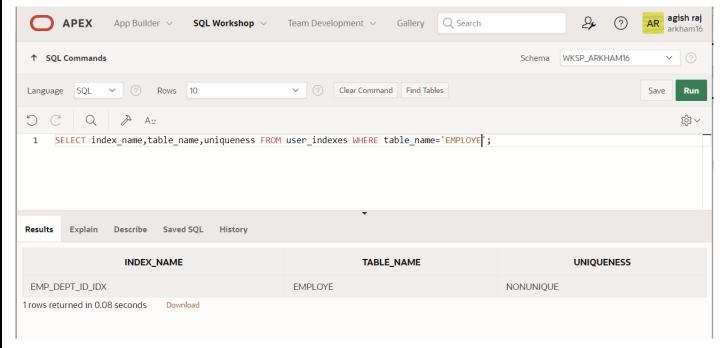


5.) Display the indexes and uniqueness that exist in the data dictionary for the EMP table.

# **QUERY:**

SELECT index\_name,table\_name,uniqueness FROM user\_indexes WHERE table\_name='EMPLOYEES';

# **OUTPUT:**



Evaluation Procedure	Marks awarded
Query(5)	
Execution (5)	
Viva(5)	
Total (15)	
Faculty Signature	

## **RESULT:**