Database and Management System Lab

Lab Experiment – 13

Name: Kartikeya Singh

Roll No: R2142230051

Sap ID: 500123812

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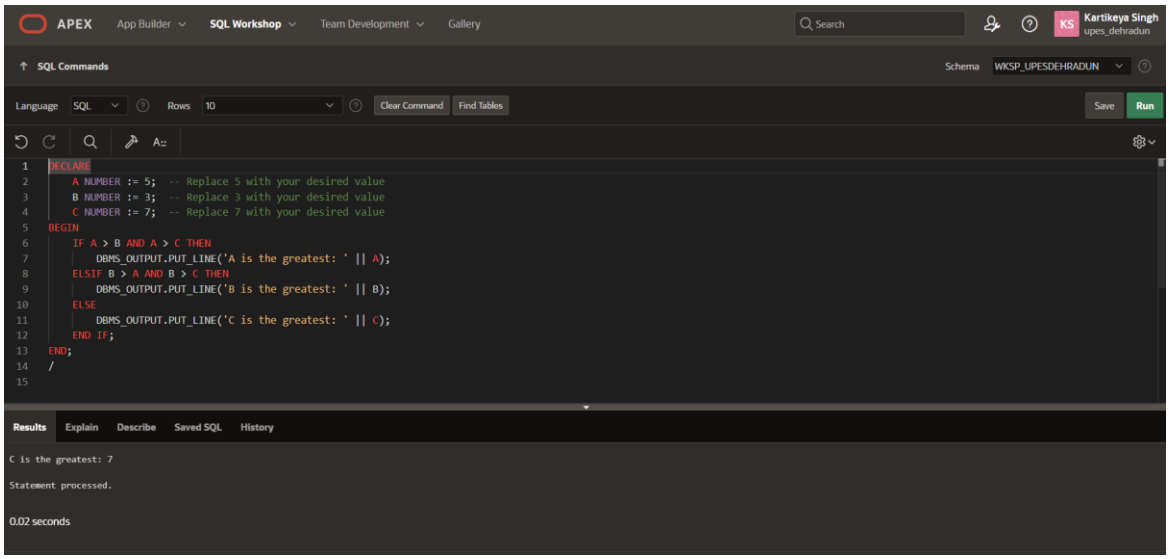
School of Computer Science,
University of Petroleum and Energy Studies,
Dehradun

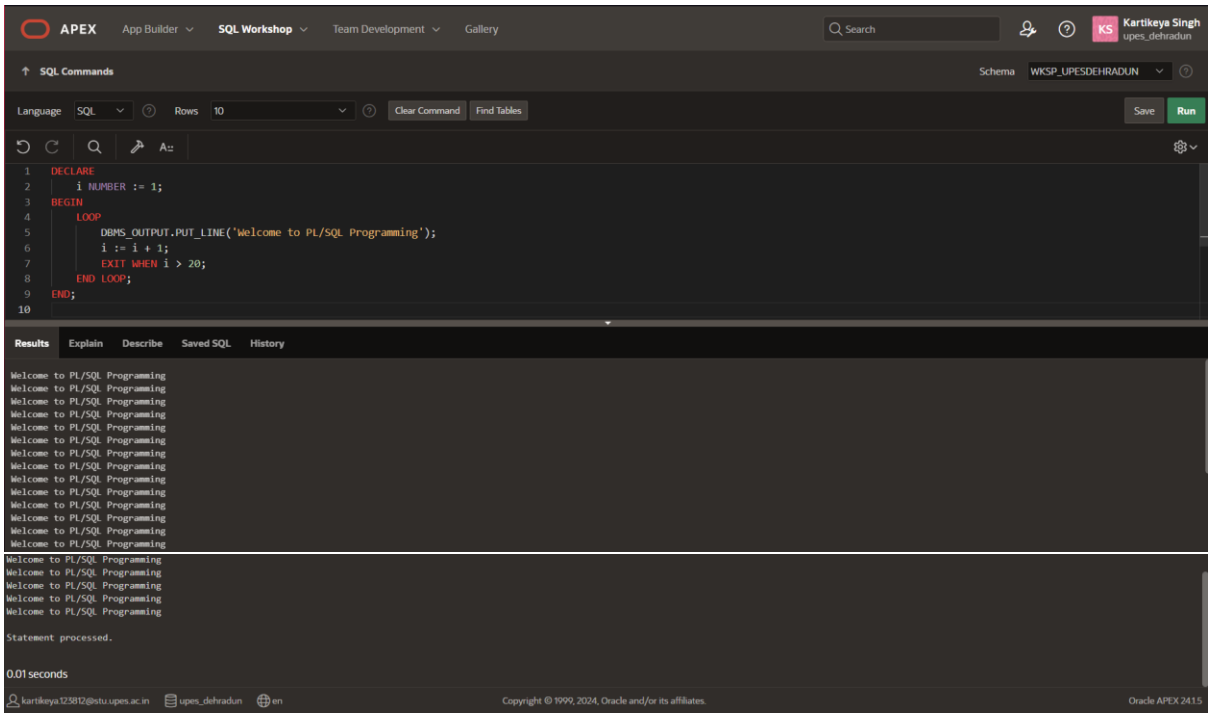
To understand the concepts of PL/SQL programming

1. **Write a PL/SQL code to accept the value of A, B & C display which is greater**



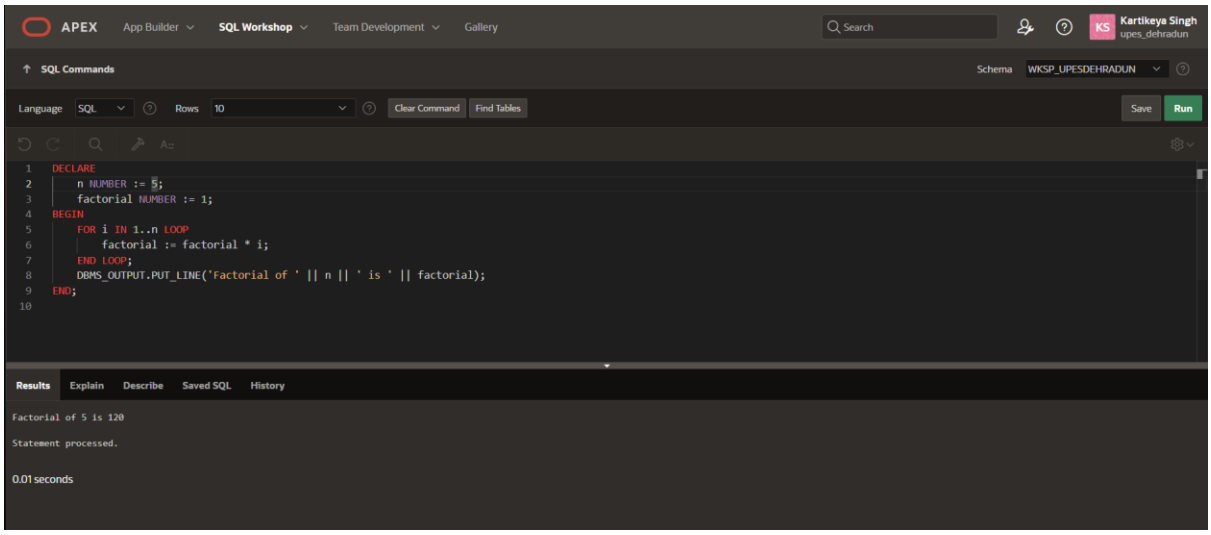
Here I've predetermined the values of A, B, C which are 5, 3, 7 respectively and hence the code will tell me which has highest value, and hence C has 7 as value so result is "C is the greatest: 7".

2. **Using PL/SQL Statements create a simple loop that display message “Welcome to PL/SQL Programming” 20 times.**



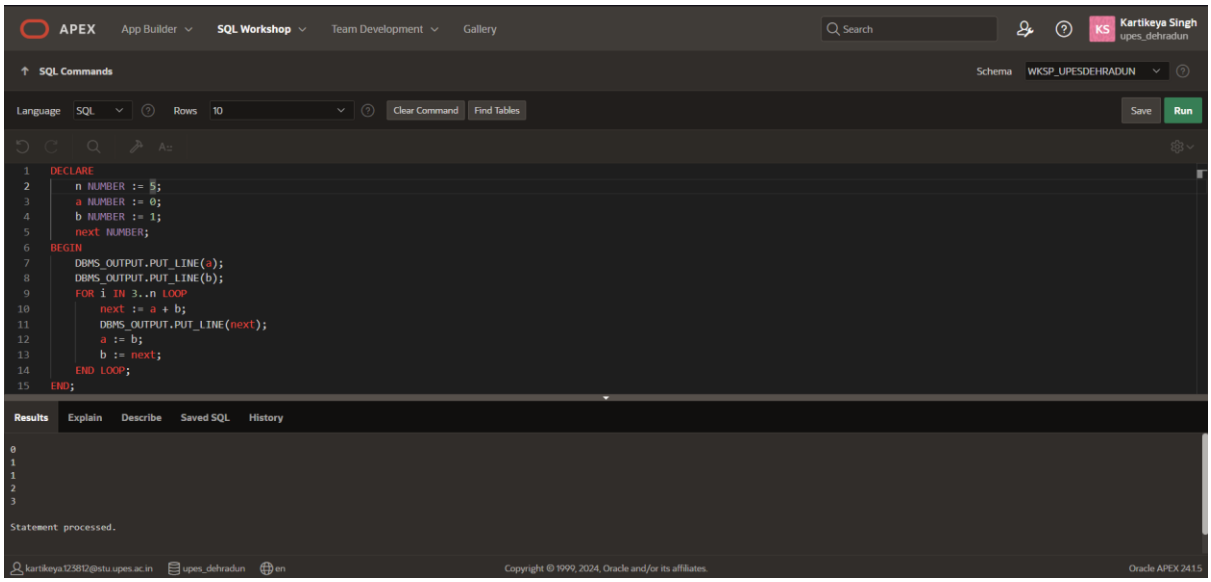
Print "Welcome to PL/SQL Programming" 20 times: Uses a LOOP **construct to print the message 20 times.**

3. **Write a PL/SQL code block to find the factorial of a number.**



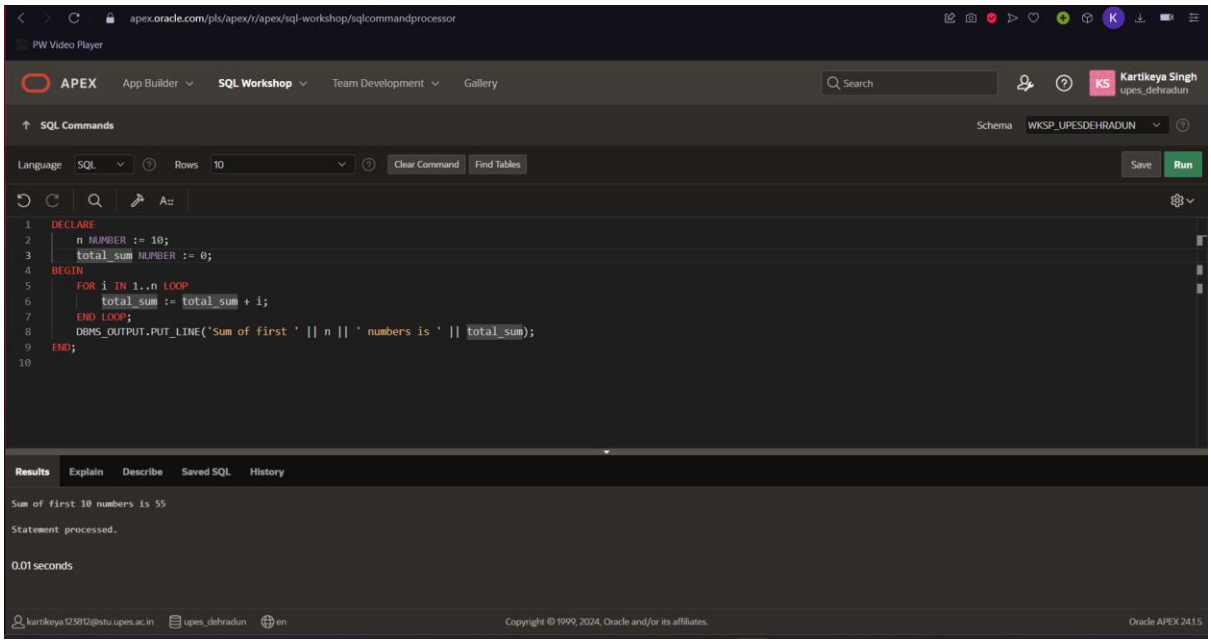
Calculate factorial: Uses a FOR **loop to multiply numbers from 1 to n, finding the factorial**

4. Write a PL/SQL program to generate Fibonacci series.



Generate Fibonacci series: Uses a FOR loop to generate the Fibonacci sequence by summing the previous two numbers.

5. Write a PL/SQL code to fund the sum of first N numbers



Sum of first N numbers: Uses a FOR loop to add numbers from 1 to N, then prints the total sum.