

DBS501 Lab5 due on Tuesday, December 01st by

9pm

Just E-mail submission with Subject like : 501 Lab5 by Smith, John

You need to provide BOTH --- Code and Output

Write the code for the Function called **Get_Descr** that will for a provided Section Id return its Course DESCRIPTION. Test your Function for a Valid and Invalid input by using BIND variables. Show both tests with Bind variables as well. Here are the outputs:

If you test with 150 then:

Course Description for Section Id 150 is Intro to Java Programming

INCLUDEPICTURE "http://zenit.senecac.on.ca:5560/isqlplus/cabo/images/t.gif" * MERGEFORMATINET	
INCLUDEPICTURE "http://zenit.senecac.on.ca:5560/isqlplus/cabo/images/t.gif" * MERGEFORMATINET	

If you test with 999 then:

INCLUDEPICTURE "http://zenit.senecac.on.ca:5560/isqlplus/cabo/images/t.gif" * MERGEFORMATINET	
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There is NO such Section id: 999

2. Write the code for procedure called **show_bizdays** that will display what business days (NOT Saturday, Sunday) are ahead (present day will be included). It will accept two arguments – start date (it may be any day) and how many business days are needed to show. It will store each date into PL/SQL table. Both arguments will have default values – TODAY and 21 days.

Use WHILE LOOP to scan for desired number of business days.

Here are the outputs (SYSDATE here is 20-NOV-11)

SQL> **execute show_bizdays**

The index is : 1 and the table value is: 21-NOV-11
The index is : 2 and the table value is: 22-NOV-11
The index is : 3 and the table value is: 23-NOV-11
The index is : 4 and the table value is: 24-NOV-11
The index is : 5 and the table value is: 25-NOV-11
The index is : 6 and the table value is: 28-NOV-11
The index is : 7 and the table value is: 29-NOV-11
The index is : 8 and the table value is: 30-NOV-11

The index is : 9 and the table value is: 01-DEC-11
The index is : 10 and the table value is: 02-DEC-11
The index is : 11 and the table value is: 05-DEC-11
The index is : 12 and the table value is: 06-DEC-11
The index is : 13 and the table value is: 07-DEC-11
The index is : 14 and the table value is: 08-DEC-11
The index is : 15 and the table value is: 09-DEC-11
The index is : 16 and the table value is: 12-DEC-11
The index is : 17 and the table value is: 13-DEC-11
The index is : 18 and the table value is: 14-DEC-11
The index is : 19 and the table value is: 15-DEC-11
The index is : 20 and the table value is: 16-DEC-11
The index is : 21 and the table value is: 19-DEC-11

PL/SQL procedure successfully completed.

SQL> execute show_bizdays(sysdate+7,10)

The index is : 1 and the table value is: 28-NOV-11
The index is : 2 and the table value is: 29-NOV-11
The index is : 3 and the table value is: 30-NOV-11
The index is : 4 and the table value is: 01-DEC-11
The index is : 5 and the table value is: 02-DEC-11
The index is : 6 and the table value is: 05-DEC-11
The index is : 7 and the table value is: 06-DEC-11
The index is : 8 and the table value is: 07-DEC-11
The index is : 9 and the table value is: 08-DEC-11
The index is : 10 and the table value is: 09-DEC-11

PL/SQL procedure successfully completed.

3) A) Write the Package specification called **Lab5** for the Procedure and Function created for this Lab

B) Then write the Package Body and compile without warnings.

C) Test your Package by providing input as for Question 2)

4) A) Now OVERLOAD your Package with NEW variation of Procedure **show_bizdays**

that will accept only ONE input parameter - Start Date and will prompt user to enter how many days are needed to show.

B) Compile your package specification and body without warnings

C) Test your OVERLOADED Procedure (like for Q2 examples) by using your Package