CS 1301 Recitation Assignment Feb 2nd-3rd 2010

Part 0:

Write a function named function0 that **takes in no parameters**. The function should query the user, using the *raw_input()* function for a number. If the number is even, the function should **print "Even"**. If the number is odd, the function should **return "Odd"**.

Example:
>>>function0()
>>>Please enter a number: 5
>>>Odd

Part 1:

Write a function named function1 that **takes in one parameter** of type int (read: a number). The function should NOT query the user for input. Your function should examine the number in a similar manner as above: if the number it is even, the function should **return the Boolean True**. If the number is odd it should **return the Boolean False**.

Example:
>>>aVar = function1(5)
>>>aVar
False
>>>

Part 2:

Function Name: printingEvens

Parameters:

minVal - an integer representing the minimum number to print; may be even or odd

maxVal – an integer representing the maximum number to print; may be even or odd

Return Value:

None

Test Cases:

printEvens(2,6) should print

2

4

6

Description:

Write a function named printEvens that prints all of the even values between minVal and maxVal (including maxVal!). The min and the max should both be printed only if they are even. If minVal is greater than maxVal, nothing should be printed. If minVal equals maxVal, then the single value should be printed only if it is even.