**Question:**

Write a function named **surpriseUser,** which takes one parameter. The parameter could only be string or integer. If it is of any other data type, you should print “Wrong Data Type”.

Within the body of the function, do the following:

* If the passed parameter is a string, ask the user to input either 3 or 4. If the user enters 3, you should print “You have a pretty smile” and if the user enters 4, you should print “You are going to get a gift today”. If the user inputs anything else, print “Invalid Input”. In this case, your function wouldn’t return anything.
* If the passed parameter is an integer, you should ask the user to enter another number and simply subtract the inputted number from the passed parameter. You should return your result.

Invoke the function using the following parameters:

1. Parameter: “Hello”. Your function should print “You have a pretty smile” if user enters 3 from keyboard or “You are getting a gift today” if the user enters a 4.
2. Parameter: 0.8889. Your function should print “Wrong Data Type”
3. Parameter: 1. Suppose user enters 4, then your function would return -3 as 1-4=-3.
4. Parameter: 10. Suppose user enters 6, then your function would return 4.

Rubric:

Function Header – 5 pts

Return in second if statement – 2 pts

If statement for string parameter – 5 pts

Body of first if statement, input from user, checking valid inputs and printing – 10 pts

If statement for int parameter – 5 pts

Body of second if statement – 10 pts

Printing wrong data type if the passed parameter is float, etc – 5 pts

Invoking the function 4 times.