

soccer.txt

Take the Python program that was created in Lab 4 Part 1.5 and change the following:

1. The code creates a function to perform the numeric input validation
2. The function takes one parameter - that parameter is a string that has the item being entered
3. The function builds the proper input and error strings using the input parameter
4. The function performs the input and >0 validation
5. The function returns the validated value
6. The program performs the input of the games, shots taken, and goals made via a call to the function - all values must be set using the RETURN value. The code must not use global variables. Any use of global variables will result in a 50% deduction in points.

Note: any errors from Lab 4 Part 1.5 MUST be fixed for this lab.

The code should look like this (there is no outward change from Lab 4 Part 1.5):

```
===== RESTART: D:\Python\Python39\Assignment 0
Welcome to the CMSY 156 Soccer Calculator

Enter the number of games: -3
Error - games cannot be negative. Please reenter

Enter the number of games: -1
Error - games cannot be negative. Please reenter

Enter the number of games: 4
Enter the number of shots taken: 7
Enter the number of goals made: -2
Error - goals made cannot be negative. Please reenter

Enter the number of goals made: 2

The average goals per game is:      0.50
The average shots on goal per game is:  1.75
The average shots per goal is:      3.50

Would you like to enter another (y/n)? n

Thank you for using this program
>>> |
```

Submit the .py file

Note: The rubric for this assignment is located below. To ensure you receive full credit for this assignment please thoroughly review the rubric to make sure you meet all of the requirements for this lab.

Reminder: To receive credit for this assignment you may only use features and techniques covered in the course materials: class session(s) and textbook. No credit will be given for the assignment otherwise.