

Take the Python program that was created in Lab 2 Part 1 and changes all of the output statements to use fstrings. The output for all formatted floating-point variables should be to exactly 2 decimal places. All of the output values should line up using fstring formatting (do NOT use blank spaces). The input and calculations do not change.

Also, the code will not allow the user to perform a divide by zero. If the number of games is zero, stop the input and have all of the output show averages of 0.0. Do NOT allow input of the shots or the goals if the games are zero. There are no calculations in this case.

If the number of goals is zero, then then average shots per goal value will be set to 0.0 without performing the calculation.

Note: any errors from Lab 2 Part 1 MUST be fixed for this lab.

1. Display a welcome title
2. Allow input of the total games played
3. Allow input of the total shots taken
4. Allow input of the total goals scored
5. Calculate the average goals per game
6. Calculate the average shots per game
7. Calculate the average shots per goal
8. Display all three of the values
9. Display a good bye message

The program should look like this:

```
IDLE Shell 3.11.1
File Edit Shell Debug Options Window Help
Python 3.11.1 (tags/v3.11.1:a7a450f, Dec 6 2022, 19:58:39) [MSC v.1934 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
=== RESTART: I:\HowardCC\CMSY156-Spring2023\Lab-Ans\Cedwards_Lab3_Part1_5.py ===
Welcome to the CMSY 156 Soccer Calculator

Enter the number of games: 0

The average goals per game is: 0.00
The average shots on goal per game is: 0.00
The average shots per goal is: 0.00

Would you like to enter another (y/n)? y
Enter the number of games: 4
Enter the number of shots taken: 7
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)? y
Enter the number of games: 6
Enter the number of shots taken: 10
Enter the number of goals made: 0

The average goals per game is: 0.00
The average shots on goal per game is: 1.67
The average shots per goal is: 0.00

Would you like to enter another (y/n)? n
Thank you for using this program!
>>>
```

Submit the .py file and similar screen shot of the outputs

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.