Please follow the below instructions for the assignment and upload the answers in your Github profile using the Jupyter notebook:

1. Import the necessary package to
   1. Set the current working directory
   2. Change the working directory
2. Create the string, int and float variable and delete them all in the next cell
3. What’s the result of assigning a value to a ‘keyword’?
   1. Please highlight the error
4. How to write a multi-line statement and assign it to a variable (Note: Without using a backslash “\” at the end of each line)
5. Print the list of numbers from 100 to 999 with an interval (step size) of 8 between the numbers
6. Write a “for” loop to print out the ‘n’ values and break out of the statement if the value is ‘n/2’
7. Write a simple function and call the docstring from outside the function
8. Create a user-defined package in ‘site-packages’ with below 3 variables a, b and c. Import these variables and write a function to calculate the area of triangle for below 3 sides (a, b, c). Calculate the semi-perimeter (s) first, to calculate the area of triangle (area) at last

<< Formula to calculate semi-perimeter: s = (a+b+c )/2

<< Formula to calculate area = (s\*(s-a) \* (s-b) \* (s-c)) \*\* 0.5 >>

* 1. 15
  2. 51
  3. 17

1. Write a list comprehension to print the odd numbers from 0 to 100
2. Create a variable (ex: name) and store your full name in it. Then write a list comprehension to print your name excluding vowels (a, e, i, o, u)
   1. Ex: name = Imran
   2. Output = [‘m’, ‘r’, ‘n’]

Good luck! 😊