Python Assignment

Purpose

Introduce students to computer programming by giving a quick introduction to Python. Will learn basic program structure, how to print, get information, do mathematical function, read and interpret pseudocode. (Fulfills Goal IV.5.a)

Requirements

Write the following program in Python.

Pseudocode

Prompt the user for their name and put it in a variable called myname.

Prompt the user for a number and put it in the variable called num.

Using a for-loop, do the following code num times.

Print myname is awesome.

Set ans to num*2

Print myname is awesome ans times.

Sample Output

Enter your name: Carol
Enter a number: 3
Carol is awesome
Carol is awesome
Carol is awesome
Carol is awesome
Carol is awesome 6 times!

Rubric

• 1 point for correct prompt for string and putting in variable myname
• 1 point for correct prompt for number and putting in variable num
• 1 point for correct for-loop
• 1 point for printing myname is awesome
• 1 point for multiplying number by 2 and displaying correctly

Submission

Submit name.py to Canvas by midnight on the date listed in the schedule.

Python Syntax

variable = raw_input("prompt string")
variable = input("prompt string")
for i in range(num):
    print "a string"
print variable
print "a string", variable, "a string", variable, variable, "a string"
variable = variable * 2 \{can use (+, -, *, /) in math and can use integer numbers and or variables on right side of equals sign\}