**Lab #1 (10 points) + Bonus1 (5 pts)**

# Practice: input and output

Write a well-commented program that will ask the user to enter the following information in the given order:

* Name
* Age
* Company Name
* Monthly Salary

A sample test run should look like the following: (note: your program should change the monthly salary entered to annual salary.)

Please enter your name: Tyler Wood

Please enter your age: 20

Enter the company you wish to work: Google

Enter monthly salary you wish to earn in dollars: 8000

My name is Tyler Wood, my age is 20

I hope to work for Google and earn $96000 per year.

Submission requirement:

1. Run your Python program twice, copy and paste the output to the end of your program
2. Add block comments around your output, i.e. start with three apostrophes, your output in the middle, end with three apostrophes. For example,

‘’’

Please enter your name: Tyler Wood

Please enter your age: 20

Enter the company you wish to work: Google

Enter monthly salary you wish to earn in dollars: 8000

My name is Tyler Wood, my age is 20

I hope to work for Google and earn $96000 per year.

‘’’

1. Upload your Python program (with output added) to blackboard along the Lab 1 link.

Program formatting requirements

Include comments at the beginning of your source code file that contain your name, the lab assignment number, and the date that you completed the assignment. For example, your comments would look like this:

#Authors: Tyler Wood and Jane Doe

#Assignment: Lab #1

#Completed (or last revision): 07/27/2017

Bonus #1 (5 points)

#Goal: Running Python Programs in different ways

#method 1: type into Python IDLE, run with F5

#method 2: under Unix/Linux, run with $python BonusLab1.py

#method 3: modify the program to get two input values as

# command line parameters, make program executable, then

# run with $Python BonusLab1.py 8.0 16 (or $BonusLab1.py 8.0 16)

#Grading criteria: method 1: 2 pts; method 2: 2 pts; method 3: 1 pt.

print("Welcome to Area and Volume calculation program")

pi = 3.14159

radius = input("Please enter a real number as radius, say 8.0: ")

radius = input("please enter an integer as height, say 16: ")

radius = 8.0

height = 16

baseArea = pi \* radius \*\* 2

cylinderVolume = baseArea \* height

print("base area = ", baseArea)

print("volume = ", cylinderVolume)

Submission requirement: show/demo to instructor