Lab 1 Part 1

# Purpose

-to get your environment set up and to get a Python program running.

# What to Deliver for Part I

Show by means of a screenshot that you have set up Python. You may use Python or IPython, from a terminal window or use an Interactive Development Environment (IDE). PyCharm (Community Edition) is recommended for the course, but that is not required. I will be using IDLE during the Live Classroom sessions. Please check with your facilitator if you have any questions or preferences about another Python IDE.

Your screenshot should show that you have run a program that prompts the user for a sentence, and then displays that sentence (i.e., echoes it) on the monitor. Label this screenshot file <Last Name>\_<First Name>\_Lab \_1\_1. For example, Smith\_Joe\_Lab\_1\_1. Also upload your program file, named <Last Name>\_<First Name>\_Lab \_1\_1.py

LAB 1 Part 2

# Purpose

-to give you practice decomposing non-trivial programs into parts (only—not to implement yet) and to guide you in preparing Assignment 1.

# What to Deliver for Part II

Read the Assignment to understand what it requires of you.

Supply a document which explains what you will do to solve the homework.

Think about the data structures and control flow. You do not need to write code, just comments will be fine. This may be a docx, pdf or txt file. Label this file <Last Name>\_<First Name>\_Lab \_1\_2. For example, Smith\_Joe\_Lab\_1\_2.

Grading

The possible grades are

1, meaning that you have clearly grasped the relevant concepts,

0 meaning that you have not, and

0.5 meaning that neither is clear.