Prior to working on Lab 2, answer the following questions:

1. What are the three different types of errors you can have in a program?

Syntax, logic, runtime

2. What is the difference between a flow chart and pseudocode?

Programmers use pseudocode to create mock-ups of programs to mimic the program’s design, but it is written in statements while flowcharts graphically depict the steps that take place in a program with symbols.

3. Which of the following two is the correct programmatic way of stating that the value 17 should be assigned to the variable x: a. 17 = x b. x = 17

X = 17

4. What is the value assigned to the variable result after the following arithmetic statement is executed: result = 12 + (3 + 6) \* 3/(2 + 3) + (3\* 2)

23

5. What does the # symbol mean in Python code?

This is a comment character. When the python interpreter sees a # character, it ignores everything from that character to the end of the line.