Introduction to Computer Programming Summer Assignment

Name:__________________________________________

Part I - Use the internet to find the answers to each of the following questions.

1) What was the name of the first programming language ever created? __________
2) What year was it created? ______________________
3) Who created C++? _____________________________
4) What year was it created? _______________________
5) Who created Java? _____________________________
6) What was it originally called? __________________
7) What year was it created? ______________________
8) What was the name of the first publically marketed personal computer? ________________
9) What year was it created? ______________________
10) How much did it cost? ________________________
11) What does DOS stand for? ____________________
12) What does GUI stand for? ____________________
13) What was the first device to use a GUI? _________
14) Name 3 GUI based operating systems? _______
   a) ____________________
   b) ____________________
   c) ____________________
15) If you have a home computer, what operating system do you run? __________
Part II - The following diagram is a flowchart. Flowcharts are a way to illustrate a set of instructions to solve a problem.

Your job is to look at the flow chart and determine what set of instructions this flowchart represents.

In this flowchart, you will be working with 3 integers: \( x \), \( y \), and \( z \). To help determine what this flowchart represents, pick any 2 positive integers for \( x \) and \( y \) and begin the steps where it says “Start”.

1) State the value of \( z \): _____
2) What does \( z \) represent? _____

If you are not sure, try 2 different integers for \( x \) and \( y \) and follow the instructions again.