

Chapter 1 Homework - John Paukovits

1. List the logical units of a computer.
 - a. Input Unit
 - b. Output Unit
 - c. Memory Unit
 - d. Arithmetic and Logical Unit
 - e. Central Processing Unit
 - f. Secondary Storage Unit
2. What is the difference between a class and an object?
 - a. A class is a set of attributes and methods that define the limits and structure of a resulting object when an instance of that class is created.
3. What is an instance variable?
 - a. An instance variable is an attribute of the object that can be changed.
4. Using the Java API, describe what the Java Math class's max method does?
 - a. Math.max() returns the higher value of two numbers.
5. What is the purpose of the Java Virtual Machine?
 - a. The JVM translates .java files into byte code that can loaded directly into memory and run on the processor. The JVM is also designed to bypass the operating system level, making java ubiquitous.