1. How does interactive processing differ from batch processing?

Batch processing is when the computer waits to process all of the data at one time. Interactive processing is when the processing of the data is happening in real time.

1. Discuss the importance of consistency in programming design.

Consistency is considered good programming design. It increases the readability of the function while looking at the code.

1. Under what circumstances would you use a validation loop?

A validation loop is a good way to ensure valid data is entered before the program proceeds. If you put a validation loop before the start of a program it will weed out if the user incorrect input.

1. Discuss the meaning of the following sentence: *Although functions, methods, and properties can yield the same results, their syntax differs.*

Function calls start with the function name and are followed by the argument. Method starts with the object name and are followed by a dot, the method name, and parentheses for enclosing argument. Properties are like methods but have no parentheses because there are no arguments.