1. Discuss the basic elements of a computer program and how they are put together. (Hint: If you write a paper for class, the elements are words, sentences, paragraphs, and sections, and they are put together in a variety of ways. A program has a similar structure.)    
   Be sure to read the answers of other students before you respond; and be sure to respond to any comments or questions from the professor. The purpose of a Discussion is to encourage an online dialogue.

Elements of a computer program are, the package in which folders and subfolders related to the project are contained, the different classes, the various functions within each class, and the backing fields of a class that define the object encapsulation. There may also be imported documents for things like, language particular APIs.

1. What is Python? How is it used? Python is a high-level programming language. It is used to write code in multiple programming paradigms like, object-oriented, imperative, and functional/procedural.
2. Discuss the use of variables, expressions, statement and indentation in Python. In Python, variables do not need to be declared with a specific datatype and upon instantiation their datatypes are inferred. Many of the look or feel aspects of the language are similar to other high-level programming languages; i.e., Java and C#.