Chapter 2 Questions 1,3,5,6

Cameron Reading

1. What does a programmer usually do first to gain an understanding of a problem?
   1. Either talk with he customer and get a better understanding of the programs task, and then determine the system requirements for the program.
2. Computer programs typically perform what three steps?
   1. 1st Input is received 2nd Some Process is performed on the input 3rd Output is produced
3. What is the difference between floating-point division and integer division?
   1. It will be a float, Float our prioritizes int values as the format for an operation.
4. What is a magic number? Why are magic numbers problematic?
   1. The only main difference between the too is the result. If the two operands are integers then the result will be an integer, if any one operand is a float, then the result will also be a float!
5. What is a magic number? Why are magic numbers problematic?
   1. Magic are numbers that are thrown into a program, whether as a variable or used in an expression where there is no explained reason as to why it exists. This can cause several problems from confusion, to making it a headache if it used repeatedly throughout the program.