Software Development Life Cycle

1) Requirement specification
   # Problem Definition

2) Analysis
   # Input format
   # Output format
   # Requirements (formulas, facts, figures, etc..)
   # Constraints (limits, etc..)

3) Design
   # Develop a list of steps (an algorithm) to solve the problem.
   # An algorithm is often written in a generic language called pseudocode.
   # Desk check your algorithm.

4) Implementation
   # Convert the algorithm developed in the Design phase into a desired programming language (i.e. VB, C++).

5) Testing
   # Verify the correctness of your program. (component and overall testing.)

6) Maintenance
   # Add to, modify, and maintain the system.