Homework #1
Due:  Tuesday, January 20

Recall that the general steps for developing a Visual Basic application include:

Understanding the problem
   1. Clearly define what the application is to do:  purpose, inputs, processing, outputs

Design screens
   2. Visualize application running and design its user interface – sketch it on paper
   3. Make a list of the controls needed, decide on their names, and write a description
   4. Define the values of each control's relevant properties

Design actions behind buttons
   5. Make a list of methods needed for each control (user actions they must respond to)
   6. Create a flowchart or write pseudocode for each method
   7. Check the code for errors by walking through its execution (sketch screens and trace variables)

Build screens
   8. Start Visual Studio and create forms and other controls

Write code for actions
   9. Write code for event procedures and other methods of step 5

Test correctness
   10. Attempt to run the application and correct syntax errors
       Repeatedly run the program with test data as input and correct any run-time or logical errors

Your assignment is to write neatly or type the in-class question below:
1) Perform steps 1 to 6 on the following programming problem. Design an application that gets from the user the starting balance of a savings account, the total dollar amount of the deposits, and the total dollar amount of withdrawals. The application should calculate the ending account balance.