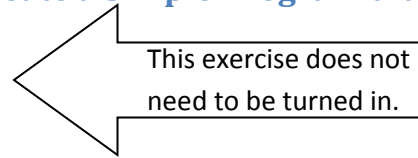


1. The Coding Environment

Exercise 1.1 — C#2012 for Programmers

§ 2.6 Using Visual Programming to Create a Simple Program that Displays Text and an Image (pages 34 - 44)



Exercise 1.2 — Simple Vending Machine: A Console Application

1. Create a new console application. This is a new project in Visual Studio. It is probably easiest if you put this project in the same solution as Exercise 1.1, but it could also be in a new solution if you like.
2. Create software simulation of a soda vending machine. This should be a Main() method that prints out something like the following. User input is shown as **bold text**.

```
Welcome to the .NET C# Soda Vending Machine
Please insert 35 cents: 55
You have inserted 55 cents
Thanks. Here is your soda.
```

- a. Create a C# console project in Visual Studio. You may create this project in an existing Visual Studio Solution, or in a new Solution.
 - b. To do the input/output required you will need to use the Console object and its methods.
 - c. The user input should be echoed in the third line.
3. Compile, link, and run the procedure.
 4. Items to consider (no need to turn this with assignment code):
 - a. How could you write this code so it would change the least if the purchase price of the soda changed?
 - b. Think about what input data checking could be done and how the output might be formatted differently.