**Standard 5.04 Quick Cuts Project Approach Exploration**

For each of the following, answer the questions or comments on the indicated lines of code. Be specific in your answer and fully explain yourself. You may need to actually put the program in Visual Studio and run it to understand its behavior.

You will need to read and understand the overall structure of the code prior to running it. It will help if you have already completed Exercise #4 and compare the code you are provided to the code you did.

1. Explain line 3. What is its importance?
2. What will happen to decTotalCost each time the button is clicked (see line 7)?
3. Why are the actions in question #2 necessary?
4. Explain the logic behind the if…then statements that appear in lines 9 through 23. What is being evaluated/tested?
5. What does the *+=* part of lines 9 through 23 do?
6. Explain what is happening on lines 31 and 32?
7. Read line 34. Why do you think this condition exists? (hint, you may have to code this program in to understand its behavior)
8. What code runs if line 34 is true?
9. What code runs if line 34 is false?
10. What do you think the programmer is trying to accomplish in the four CheckedChanged subs?
11. What are the benefits and disadvantages to the approach mentioned in question 10?
12. Compare and contrast the code in the four CheckedChanged events.
13. Explain what is happening in lines 25-26.
14. What are the differences between your code for Exercise #4 and the code provided to you.