C# Programming Homework 20

Chapter 20, C# Step by Step

Readings

Read chapter 20 in the *C# Step by Step* book.

Discussion Questions

1. What is a *delegate*? Explain delegates in terms of pointers and reference types.

2. How do you declare a delegate? Include a discussion of types, return values, names, and parameters.

3. How do you create instances of delegates and assign values to the instance? What are the values?

4. How do you invoke a method that has been added to a delegate?

5. What is an *event*? Why do we have events?

6. How do you declare events?

7. How do delegates recognize event subscriptions? How do you unsubscribe an event from a delegate?

8. How do you raise an event? How do you declare code that raises an event?

9. Explain with specificity what happens when an event fires and that event has been attached to a delegate.