Homework, ISTA-421

Chapter 19, C# Step by Step

Readings

Read chapter 19, pages 423 – 438 in the *C# Step by Step* book.

Discussion Questions

1. What is an *enumerable collection*?

2. What properties and methods does the *IEnumerable* interface contain?

3. What properties and methods does the *IEnumerator* interface contain?

4. What values does the *MoveNext()* method return? What does it do?

5. What values does the *Reset()* method return? What does it do?

6. Are *IEnumerable* and *IEnumerator* type safe? Why or why not? If not, how do you implement type safety?

7. Why don't recursive methods retain state when used with data structures like binary trees?

8. How do you define an enumerator?

9. What is an *iterator*?

10. What does *yield* do?