Homework 06, ISTA-220

Chapter 06, C# Step by Step

1 Homework

1.1 Readings

Read chapter 6 in the *C# Step by Step* book.

1.2 Discussion Questions

Answer the discussion questions for chapter 6 in writing.

1. What is an *exception*?
2. What happens in a *try* block if the program executes without errors?
3. How does the *catch* mechanism work for unhandled exceptions?
4. What happens in a program if an *exception block* fails to handle an particular error?
5. What is the parent class for all exceptions? How does this work?
6. How do you determine the type of an error?
7. What is the purpose of integer checking?
8. What is the range of values than a signed Int32 type can contain? State the lowest value and the highest value.
9. What is the range of values than an *unsigned* Int32 type can contain? State the lowest value and the highest value. What is the difference between a signed integer and an unsigned integer? Can signed integers and unsigned integers represent the same amount of numbers?
10. What does the *finally* block do?
11. (Thought question) When would you not use a finally block in a try/catch construction?