Homework 06, ISTA-220

Chapter 06, C# Step by Step

1 Homework

1.1 Readings

Read chapter 6, pages 127 – 150 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?

**Something you should not have in your program.**

2. What happens in a try block if the program executes without errors?

**Statements continues to run.**

3. How does the catch mechanism work for unhandled exceptions?

**The catch mechanism employs syntax similar to the one used by a method parameter to specify the exception to be caught.**

4. What happens in a program if an exception block fails to handle an particular error?

**The program will die if the exception is not handled.**

5. What is the parent class for all exceptions? How does this work?

**The parent class for all exceptions (system exception).**

6. How do you determine the type of an error?

**The property will tell the error.**

7. What is the purpose of integer checking?

Int number = int.MaxValue;

Checked

int will Throw = number ++

Console.WriteLine

8. What does the ﬁnally block do?

**The way that the statement executes / always runs.**