Tutorial 6

Lecture revision

1. What is string formatting?
2. What are the 3 major types of errors?
3. How exception handling is done in C#?

Homework revision

Programming exercise I – Interest calculator

Create a user interface for the following problem.

User should be able to enter the amount of money he/she wants to deposit and the interest rate. Upon pressing the button, the program should produce a report which will include the following information:

* Today’s date
* Amount of deposit (formatted to show 2 decimal points)
* Interest rate (formatted to show as percentage with one decimal point)
* Amount after the interest has been applied (formatted to show 2 decimal points)
* Thank you message

Programming exercise II – Catch a bug

You should identify a bug contained in the following code

int LetterCount = 0;

string strText = "Debugging";

string letter;

for (int i = 1; i < strText.Length; i++)

{

letter = strText.Substring(1, 1);

if (letter == "g")

{

LetterCount++;

}

}

MessageBox.Show("G appears " + LetterCount + " times");

Programming exercise III – Last year In-class test 1

Do all the tasks from last year in-class test 1