

*Programming Assignment Sheet*

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| To: | Troy Tuckett |
| From: | Elbio Iseas |
| Class: | POS/409 |
| Date: | 9/19/04 |
| Re: | Individual Assignment for Week 2 |

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| Design: |
| Describe the design of your program. Include a flow chart or a UML Class diagram if you feel it will help you. |
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| Source Program(s) : |
| using System;  using System.Collections.Generic;  using System.ComponentModel;  using System.Data;  using System.Drawing;  using System.Linq;  using System.Text;  using System.Windows.Forms;  using System.IO;  //  namespace POS409DiceSimulation  {  public partial class frmMain : Form  {  public frmMain()  {  InitializeComponent();  }  private void frmMain\_Load(object sender, EventArgs e)  {  }  private void button3\_Click(object sender, EventArgs e)  {  Close();  }  private void btnWrite\_Click(object sender, EventArgs e)  {  // idea from MSDN example    string file = "rolledDice.txt";  string currentPath = Directory.GetCurrentDirectory();  string strSumOfDice = "";  StreamWriter fileWriter = new StreamWriter(file);  Random r = new Random();  int numberOne = 0;  int numberTwo = 0;  int numberSum = 0;    for (int i = 0; i < 100; i++)  {  numberOne = r.Next(1, 6);  numberTwo = r.Next(1, 6);  numberSum = numberOne + numberTwo;  strSumOfDice = numberSum.ToString();  fileWriter.WriteLine(strSumOfDice);  }  fileWriter.Close();  }  private void btnRead\_Click(object sender, EventArgs e)  {  frmResults results = new frmResults();  results.Show();  }  }  } |
| Output Results: |
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| Testing: |
| Description of testing  REMOVE THIS DESCRIPTION BEFORE POSTING:  There is quite a bit of information on writing test scripts out on the internet if you would like to research this further, but because of questions from students, I thought I would put some of my expectations in the forum. If you have questions, please respond to this post.  A Test Script is a sentence or two that describes how you will best an element of your program to make sure that it meets some expected result. Usually your test scripts should focus on the requirements of the assignment (whether explicitly stated of implicitly assumed). At the end of each of your scripts, you should include a PASS or FAIL that tells the result of the script. Here are some examples:  1) The program will return the correct mortgage payment result of ??? when the principle amount of 200000, rate of 5.75%, and term of 30 years is used.  2) The program formats the resulting mortgage payment using the format $9,999.99.  You decide what scripts to write. They show your ability to critically think through what the program should result. Remember to include a PASS or FAIL when you are done testing. |
| Tested By |