

The image shows a screenshot of a Windows application window titled "Form1". The window has a red title bar with standard minimize, maximize, and close buttons. The main content area is divided into two sections. On the left, under the heading "Random numbers from text file:", there is a list box containing the following numbers: 6, 65, 30, 56, 48, 46, 26, 78, 64, 21, 32, 94, 91, 33, 34, and 89. On the right, under the heading "Number info", there are two labels: "Number count:" with the value 69420, and "Sum of the numbers:" with the value 3449025. At the bottom right of the window, there are two buttons: "Open File" and "Exit".

Section	Item	Value
Random numbers from text file:	6	6
	65	65
	30	30
	56	56
	48	48
	46	46
	26	26
	78	78
	64	64
	21	21
	32	32
	94	94
	91	91
	33	33
	34	34
	89	89
Number info	Number count:	69420
	Sum of the numbers:	3449025

```
namespace RandomNumberFileWriterTwo_CalebFontenot
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void exitButton_Click(object sender, EventArgs e)
        {
            this.Close();
        }

        private void openButton_Click(object sender, EventArgs e)
        {
            // Define variables
            int randomNumberSum = 0, randomNumberCount = 0, inputNumber;

            // Create StreamReader
            StreamReader inputFile = null;

            // Summon the OpenFileDialog for selecting the text file to read from.
            if (openFileDialog1.ShowDialog() == DialogResult.OK)
            {
                // Open the user selected file.
                inputFile = File.OpenText(openFileDialog1.FileName);

                // Clear the list box, just in case this isn't the first time this function has run.
                numberOutputListBox.Items.Clear();

                // Read from the text file
                while (!inputFile.EndOfStream)
                {
                    try
                    {
                        inputNumber = int.Parse(inputFile.ReadLine());
                    }
                    catch
                    {
                        MessageBox.Show("Error interpreting contents of text file. Are you sure you selected the right file?");
                        break;
                    }

                    numberOutputListBox.Items.Add(inputNumber);
                    randomNumberSum += inputNumber;
                    randomNumberCount++;
                }
                // Write randomNumberSum and randomNumberCount to the appropriate labels.
                numberSumLabel.Text = randomNumberSum.ToString();
                numberCountLabel.Text = randomNumberCount.ToString();
            }
        }
    }
}
```