When you press the button the program is generating a number of random numbers, they are entered in an array, they are written to a file, and sorted and displayed in a listbox.



using System;

using System.Collections.Generic;

using System.ComponentModel;

using System.Data;

using System.Drawing;

using System.Text;

using System.Windows.Forms;

using System.IO;

namespace fall2015win02

{

 public partial class Form1 : Form

 {

 static public int z = 10;

 static public int[] anum = new int[z];

 public Form1()

 {

 InitializeComponent();

 textBox1.Text = "press the Button";

 listBox1.Sorted = false;// true;

 }

 private void button1\_Click(object sender, EventArgs e)

 {

 Random ran = new Random();

 int num;

 String[] lines = new string[z];

 listBox1.Items.Clear();

 for(int a=0;a<z;a++)

 {

 num=ran.Next(1,100);

 anum[a] = num;

 listBox1.Items.Add(num);

 lines[a] = num.ToString();

 }

 File.WriteAllLines("text.txt", lines);

 sort();

 textBox1.Text="DONE";

 }

 private void sort()

 {

 int temp;

 for (int write = 0; write < anum.Length; write++)

 {

 for (int sort = 0; sort < anum.Length - 1; sort++)

 {

 if (anum[sort] > anum[sort + 1])

 {

 temp = anum[sort + 1];

 anum[sort + 1] = anum[sort];

 anum[sort] = temp;

 }

 }

 }

 listBox1.Items.Clear();

 for (int x = 0; x < z; x++)

 listBox1.Items.Add(anum[x].ToString());

 }

 }

}