



```
namespace Problem1_CalebFontenot
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
        }

        private void openButton_Click(object sender, EventArgs e)
        {
            // Create StreamReader
            StreamReader inputFile = null;
            // Read the contents of the text file.
            if (openFileDialog1.ShowDialog() == DialogResult.OK)
            {
                inputFile = File.OpenText(openFileDialog1.FileName);
            }
            // Clear the listbox.
            listBox1.Items.Clear();

            while (!inputFile.EndOfStream)
            {
                listBox1.Items.Add(inputFile.ReadLine());
            }
        }

        private void saveButton_Click(object sender, EventArgs e)
        {
            try {
                StreamWriter sw = null;
                //Open the save file dialog.
                if (saveFileDialog1.ShowDialog() == DialogResult.OK)
                {
                    string s = saveFileDialog1.FileName;
                    sw = File.CreateText(s);

                    for (int i = 0; i < listBox1.Items.Count; i++)
                    {
                        sw.WriteLine(listBox1.Items[i].ToString());
                    }
                    sw.Close();
                }
            } catch (Exception ex)
            {
                MessageBox.Show(ex.Message);
            }
        }
    }
}
```