

Activity 12

Dalton J Danz

CST-150

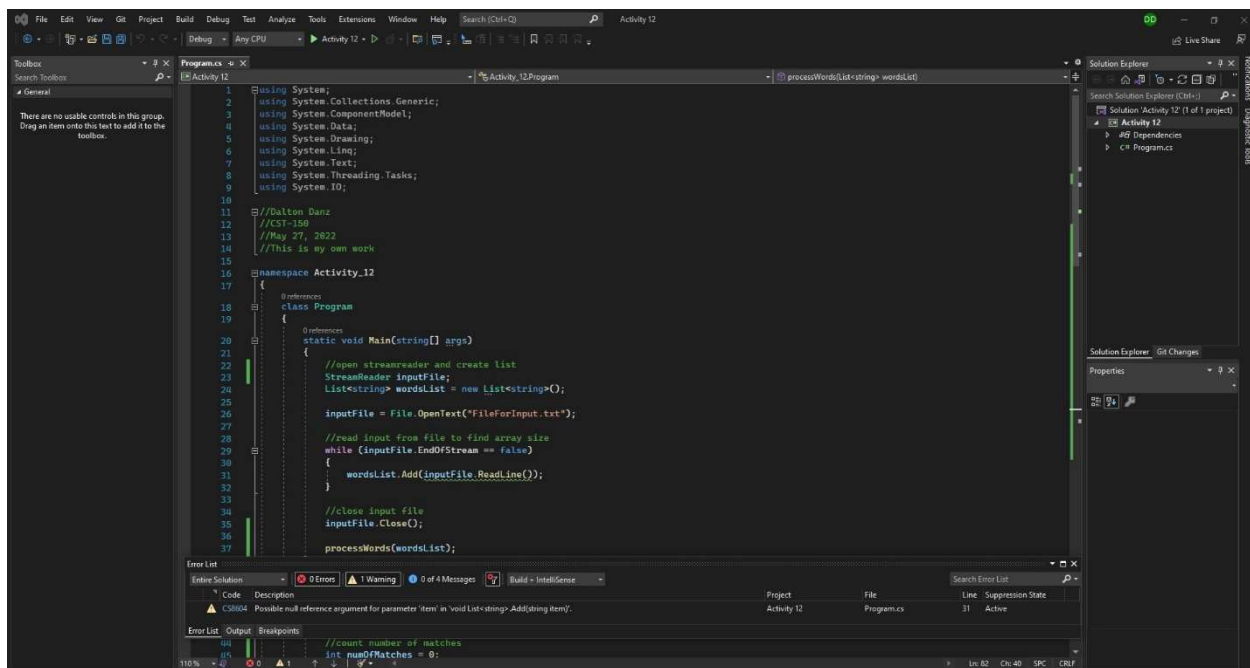
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Link to files:

<https://github.com/Naralla/CST-150-Submissions/tree/main/Activity%2012%20Submission>

This program uses the C# language. This program's goal is to read an input file. Then it will locate words ending in the letters e or t. The program has the ability to be case insensitive. The program will also catch if the word ends in punctuation and determine if the last letter was one of the ones desired. This program could be improved through the use of a better function to catch non-alphabetic endings.



```
1 using System;
2 using System.Collections.Generic;
3 using System.ComponentModel;
4 using System.Data;
5 using System.Drawing;
6 using System.Linq;
7 using System.Text;
8 using System.Threading.Tasks;
9 using System.IO;
10
11 //Dalton Dans
12 //CST-150
13 //May 27, 2022
14 //This is my own work
15
16 namespace Activity_12
17 {
18     class Program
19     {
20         static void Main(string[] args)
21         {
22             //open streamreader and create list
23             StreamReader inputFile;
24             List<string> wordsList = new List<string>();
25
26             inputFile = File.OpenText("FileForInput.txt");
27
28             //read input from file to find array size
29             while (inputFile.EndOfStream == false)
30             {
31                 wordsList.Add(inputFile.ReadLine());
32             }
33
34             //close input file
35             inputFile.Close();
36
37             processWords(wordsList);
38         }
39     }
40 }
41
42 //count number of matches
43 int numOfMatches = 0;
```

Error List

Code	Description	Project	File	Line	Suppression State
CS8604	Possible null reference argument for parameter 'item' in 'void List<string>.Add(Thing item)'.	Activity 12	Program.cs	31	Active

Output

```
100% 0 0 1 //count number of matches
int numOfMatches = 0;
```

