

Daniel Rumfelt

Grand Canyon University

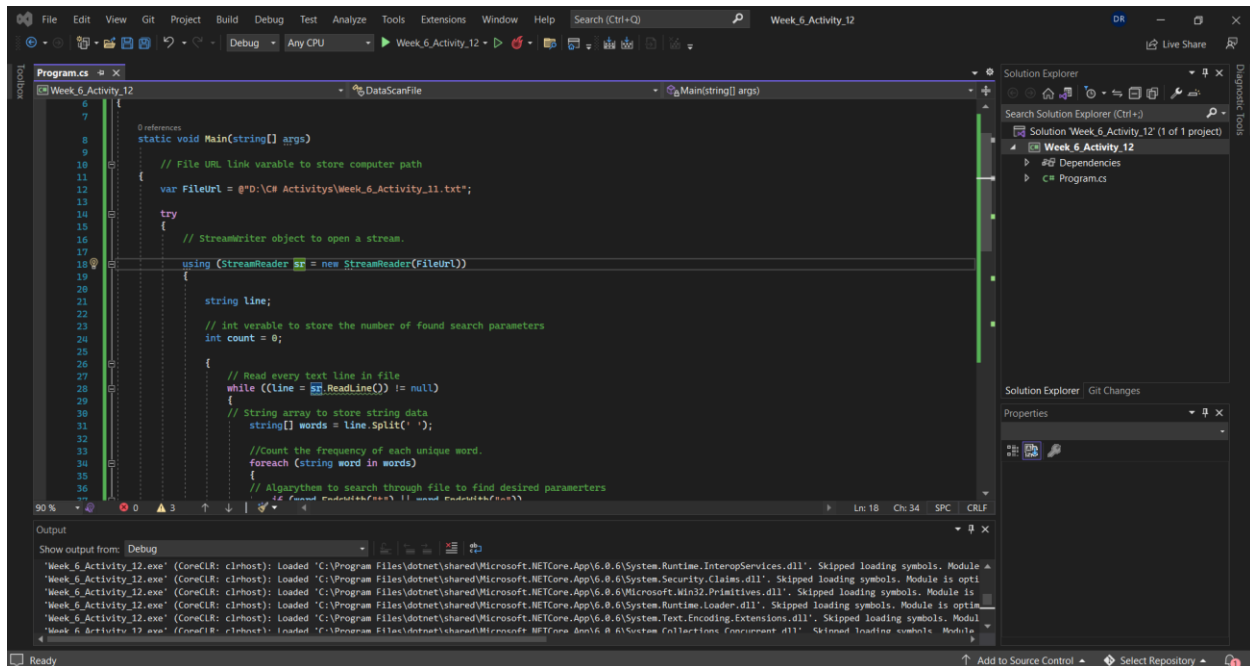
CST-150 Programming in C# 1

Week 6 / Activity 12

08/10/2022

Screenshots:

Code running with no errors.



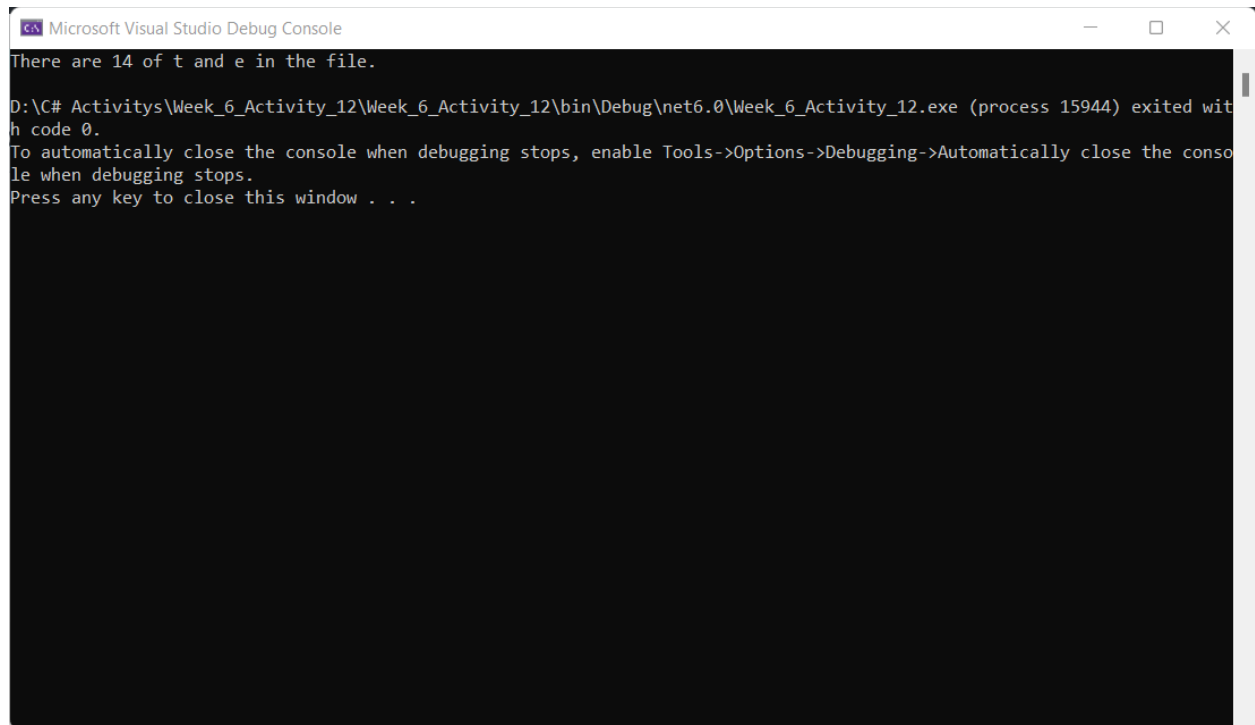
```
1  // References
2  static void Main(string[] args)
3  {
4      // File URL variable to store computer path
5      var FileUrl = @"D:\C# Activities\Week_6_Activity_11.txt";
6      try
7      {
8          // StreamWriter object to open a stream.
9          using (StreamReader sr = new StreamReader(FileUrl))
10         {
11             string line;
12             // int variable to store the number of found search parameters
13             int count = 0;
14             // Read every text line in file
15             while ((line = sr.ReadLine()) != null)
16             {
17                 // String array to store string data
18                 string[] words = line.Split(' ');
19                 // Count the frequency of each unique word.
20                 foreach (string word in words)
21                 {
22                     // Algorithm to search through file to find desired parameters
23                     if (found.Contains(word)) word.Frequency++;
24                 }
25             }
26         }
27     }
28     catch { }
29 }
```

Output

```
Week_6_Activity_12.exe (CoreCLR: clrhost): Loaded 'C:\Program Files\dotnet\shared\Microsoft.NETCore.App\6.0.0\System.Runtime.InteropServices.dll'. Skipped loading symbols. Module is
Week_6_Activity_12.exe (CoreCLR: clrhost): Loaded 'C:\Program Files\dotnet\shared\Microsoft.NETCore.App\6.0.0\System.Security.Claims.dll'. Skipped loading symbols. Module is opti
Week_6_Activity_12.exe (CoreCLR: clrhost): Loaded 'C:\Program Files\dotnet\shared\Microsoft.NETCore.App\6.0.0\System.Runtime.Loader.dll'. Skipped loading symbols. Module is opti
Week_6_Activity_12.exe (CoreCLR: clrhost): Loaded 'C:\Program Files\dotnet\shared\Microsoft.NETCore.App\6.0.0\System.Text.Encoding.Extensions.dll'. Skipped loading symbols. Modul
Week_6_Activity_12.exe (CoreCLR: clrhost): Loaded 'C:\Program Files\dotnet\shared\Microsoft.NETCore.App\6.0.0\System.Collections.Concurrent.dll'. Skipped loading symbols. Module is opti
```

Variable

Current Console output after successful run.



```
Microsoft Visual Studio Debug Console
There are 14 of t and e in the file.
D:\C#\Activitys\Week_6_Activity_12\Week_6_Activity_12\bin\Debug\net6.0\Week_6_Activity_12.exe (process 15944) exited with code 0.
To automatically close the console when debugging stops, enable Tools->Options->Debugging->Automatically close the console when debugging stops.
Press any key to close this window . . .
```

Text file:

