

```
1 using System;
2
3 namespace HelloWorld
4 {
5     public class Message
6     {
7         private string _text;
8         public Message(string text)
9         {
10             _text = text;
11         }
12
13         public void Print()
14         {
15             Console.WriteLine(_text);
16         }
17     }
18 }
19
20
```

```
1 namespace HelloWorld
2 {
3     internal class Program
4     {
5         static void Main(string[] args)
6         {
7             Message myMessage = new Message("Hello, World! Greetings from
8                 Message Object.");
9             myMessage.Print();
10
11             Message[] messages =
12             {
13                 new Message("It's nice to meet you. "),
14                 new Message("It's a pleasure to meet you. "),
15                 new Message("Hi."),
16                 new Message("Hello."),
17                 new Message("Greetings.")
18             };
19
20             Console.WriteLine("Enter name: ");
21             string name = Console.ReadLine();
22             name = name.ToLower();
23             if (name == "wilma")
24                 messages[0].Print();
25             else if (name == "fred")
26                 messages[1].Print();
27             else if (name == "barney")
28                 messages[2].Print();
29             else if (name == "betty")
30                 messages[3].Print();
31             else
32                 messages[4].Print();
33         }
34     }
35 }
```

FileEditViewGitProjectBuildDebugTestAnalyzeToolsExtensionsWindowHelp

Process: [27088] HelloWorld.exe Lifecycle Events Thread: [34012] Main Thread Stack Frame: HelloWorld.Program.Main

[Copilot] GitHub Copilot is now enabled. Either start typing to receive predictions, or read the documentation Read the documentation Don't show this again

Message.csProgram.cs

namespace HelloWorld
{
 0 references
 internal class Program
 {
 0 references
 static void Main(string[] args)
 {
 Message myMessage = new Message("Hello, World! Greetings from Message Object.");
 myMessage.Print();

 //Message[] messages =
 //{
 // new Message("It's nice to meet you. "),
 // new Message("It's a pleasure to meet you. "),
 // new Message("Hi."),
 // new Message("Hello."),
 // new Message("Greetings.")
 //};
 //
 //Console.WriteLine("Enter name: ");
 //string name = Console.ReadLine();
 //name = name.ToLower();
 //if (name == "wilma")
 // messages[0].Print();
 //else if (name == "fred")
 // messages[1].Print();
 //else if (name == "barney")
 // messages[2].Print();
 //
 }
 }
}

D:\workspace\COS20007\COS

Diagnostic Tools

Diagnostics session: 0 seconds (690 ms selected)

Add counter graphs by checking counters from counter options

Events

Process Memory

CPU (% of all processors)

SummaryEventsCountersMemory Usage

Events

Show Events (1 of 1)

Memory Usage

Take Snapshot

CPU Usage

Record CPU Profile

Autos

Search (Ctrl+E) Search Depth: 3

Name	Value	Type
args	{string[0]}	string[]
myMessage	null	HelloWorld.Message

Output

Show output from: Debug

'HelloWorld.exe' (CoreCLR: clrhost): Loaded 'C:\Program Files\dotnet\shared\Microsoft.NETCore.App\8.0.4\System.IO.Pipes.dll'. Skipped loading
'HelloWorld.exe' (CoreCLR: clrhost): Loaded 'C:\Program Files\dotnet\shared\Microsoft.NETCore.App\8.0.4\System.Linq.dll'. Skipped loading
'HelloWorld.exe' (CoreCLR: clrhost): Loaded 'C:\Program Files\dotnet\shared\Microsoft.NETCore.App\8.0.4\System.Collections.dll'. Skipped loading
'HelloWorld.exe' (CoreCLR: clrhost): Loaded 'C:\Program Files\dotnet\shared\Microsoft.NETCore.App\8.0.4\System.Console.dll'. Skipped loading
'HelloWorld.exe' (CoreCLR: clrhost): Loaded 'C:\Program Files\dotnet\shared\Microsoft.NETCore.App\8.0.4\System.Threading.dll'. Skipped loading
'HelloWorld.exe' (CoreCLR: clrhost): Loaded 'C:\Program Files\dotnet\shared\Microsoft.NETCore.App\8.0.4\System.Runtime.InteropServices.dll'. Skipped loading
'HelloWorld.exe' (CoreCLR: clrhost): Loaded 'C:\Program Files\dotnet\shared\Microsoft.NETCore.App\8.0.4\System.Threading.Overlapped.dll'. Skipped loading
'HelloWorld.exe' (CoreCLR: clrhost): Loaded 'C:\Program Files\dotnet\shared\Microsoft.NETCore.App\8.0.4\System.Security.AccessControl.dll'. Skipped loading
'HelloWorld.exe' (CoreCLR: clrhost): Loaded 'C:\Program Files\dotnet\shared\Microsoft.NETCore.App\8.0.4\System.Security.Principal.Windows.dll'. Skipped loading
'HelloWorld.exe' (CoreCLR: clrhost): Loaded 'C:\Program Files\dotnet\shared\Microsoft.NETCore.App\8.0.4\System.Security.Claims.dll'. Skipped loading
'HelloWorld.exe' (CoreCLR: clrhost): Loaded 'C:\Program Files\dotnet\shared\Microsoft.NETCore.App\8.0.4\System.Runtime.Loader.dll'. Skipped loading
'HelloWorld.exe' (CoreCLR: clrhost): Loaded 'C:\Program Files\dotnet\shared\Microsoft.NETCore.App\8.0.4\System.Private.CoreLib.dll'. Skipped loading
'HelloWorld.exe' (CoreCLR: clrhost): Loaded 'C:\Program Files\dotnet\shared\Microsoft.NETCore.App\8.0.4\netstandard.dll'. Skipped loading

AutosLocalsWatch 1

Ready

Add to Source Control Select Repository

Hello, World! Greetings from Message Object.

Enter name:

wilma

It's nice to meet you.

Hello, World! Greetings from Message Object.

Enter name:

barney

Hi.

Hello, World! Greetings from Message Object.

Enter name:

betty

Hello.

Hello, World! Greetings from Message Object.

Enter name:

fred

It's a pleasure to meet you.

Hello, World! Greetings from Message Object.

Enter name:

sen

Greetings.