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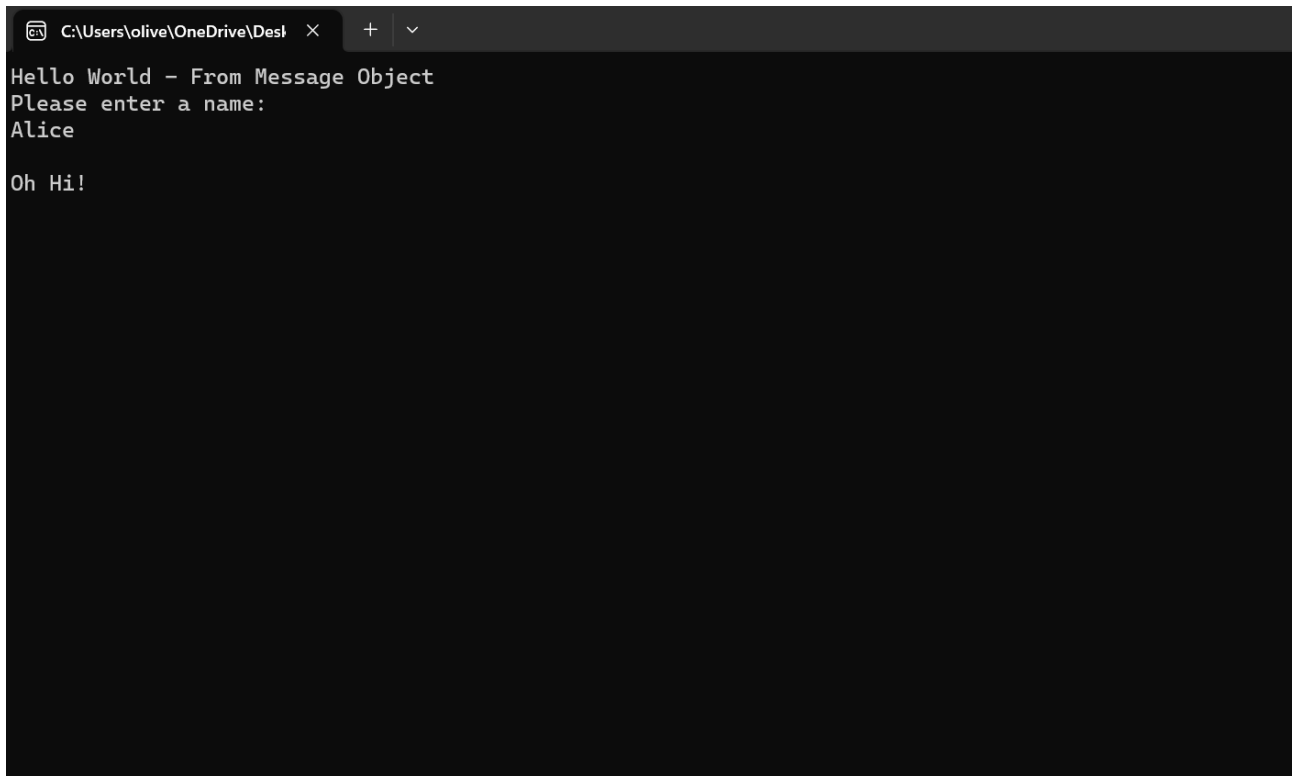
COS20007 OBJECT ORIENTED PROGRAMMING

Object Oriented Hello World

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```csharp
using System;

namespace HelloWorld
{
    class MainClass
    {
        public static void Main(string[] args)
        {
            Message myMessage;
            // Remove the first declaration of myNames to fix the error
            // Names myNames;

            myMessage = new Message("Hello World - From Message Object");
            myMessage.Print();

            Console.WriteLine("Please enter a name: ");
            string name = Console.ReadLine();

            // Now you can declare myNames and initialize it in the same line
            Names myNames = new Names(name);

            Console.ReadLine();
        }
    }
}
```

```csharp
1   using System;
2   using System.Collections.Generic;
3   using System.Linq;
4   using System.Text;
5   using System.Threading.Tasks;
6
7   namespace HelloWorld
8   {
9       internal class Message
10      {
11
12          private string _text;
13          public Message(string text)
14          {
15              _text = text;
16          }
17
18          public void Print()
19          {
20              Console.WriteLine(_text);
21          }
22      }
23  }
```

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    class MainClass
    {
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            myMessage = new Message("Hello World - From Message Object");
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            Console.WriteLine("Please enter a name: ");
            string name = Console.ReadLine();

            // Now you can declare myNames and initialize it in the same line
            Names myNames = new Names(name);

            Console.ReadLine();
        }
    }
}
```

Autos

Name	Value	Type
myMessage	null	HelloWorld.Message

Call Stack

Name	Lang
HelloWorld.dll!HelloWorld.MainClass.Main(string[] args) Line 13	C#