

SWINBURNE UNIVERSITY OF TECHNOLOGY

OBJECT ORIENTED PROGRAMMING (2022 S1)

DOUBTFIRE SUBMISSION

Task 1.2P: Object Oriented Hello World

Submitted By:

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Tutor:

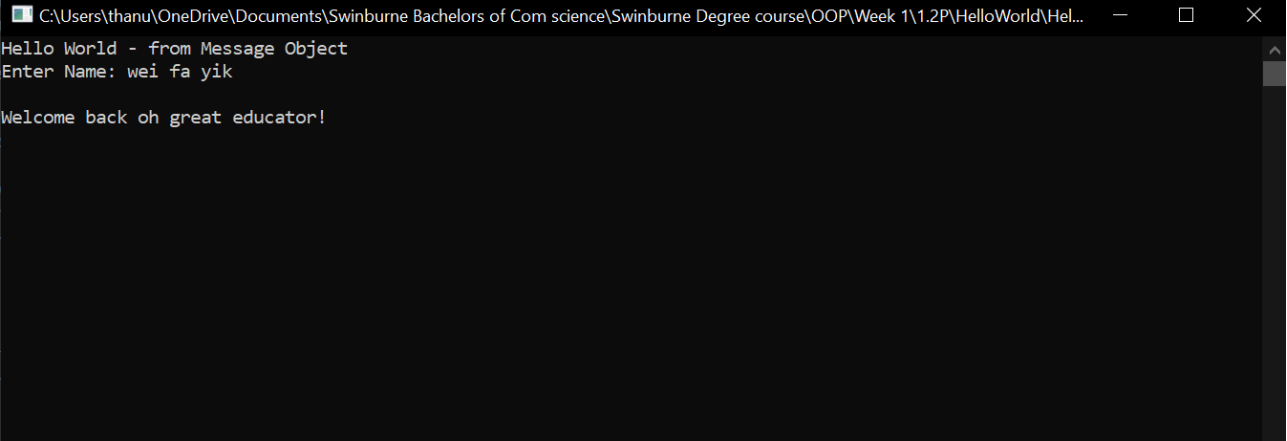
Michael KENNY

April 19, 2022



```
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      class MainClass
10     {
11         public static void Main(string[] args)
12         {
13             Message myMessage;
14             Message[] messages = new Message[4];
15
16             myMessage = new Message("Hello World - from Message Object"); // Assign
17             ↪ myMessage a new Message with text "Hello World..."
18
19             myMessage.Print(); // print myMessage
20
21             // new messages starting from index 0 to 3
22             messages[0] = new Message("\nWelcome back oh great educator!\n");
23             messages[1] = new Message("\nWhat a lovely name dude\n");
24             messages[2] = new Message("\nGreat name mate\n");
25             messages[3] = new Message("\nThat is a silly name\n");
26
27             // user input
28             Console.Write("Enter Name: ");
29             string name = Console.ReadLine();
30
31             if (name.ToLower() == "wei fa yik")
32                 messages[0].Print(); // prints result
33             else if (name.ToLower() == "connor")
34                 messages[1].Print(); // prints result
35             else if (name.ToLower() == "samuel")
36                 messages[2].Print(); // prints result
37             else
38                 messages[3].Print(); // prints result
39
40             Console.ReadLine();
41         }
42     }
43 }
```

```
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      public class Message
10     {
11         private string _text;
12         public Message(string txt)
13         {
14             _text = txt;
15         }
16
17         public void Print()
18         {
19             Console.WriteLine(_text);
20         }
21     }
22 }
```



```
C:\Users\thanu\OneDrive\Documents\Swinburne Bachelors of Com science\Swinburne Degree course\OOP\Week 1\1.2P\HelloWorld\Hel...  
Hello World - from Message Object  
Enter Name: wei fa yik  
Welcome back oh great educator!
```

