

SWINBURNE UNIVERSITY OF TECHNOLOGY

COS20007 OBJECT ORIENTED PROGRAMMING

Object Oriented Hello World

PDF generated at 14:56 on Wednesday 9th August, 2023

```
1  using System;
2
3  class MainClass
4  {
5      static void Main(string[] args)
6      {
7          Message myMessage = new Message("Hello, World!");
8
9          Message[] messages = new Message[5];
10         messages[0] = new Message("Welcome back, Liam.");
11         messages[1] = new Message("Wish you have a great day.");
12         messages[2] = new Message("Wow, long time no see!");
13         messages[3] = new Message("Why haven't you come back here earlier?");
14         messages[4] = new Message("No idea who you are.");
15
16         while (true)
17         {
18             myMessage.Print();
19
20             Console.WriteLine("Enter name (or type 'exit' to quit): ");
21             string name = Console.ReadLine();
22
23             if (name == "exit")
24             {
25                 break;
26             }
27             else if (name.ToLower() == "liam")
28             {
29                 messages[0].Print();
30             }
31             else if (name.ToLower() == "winnie")
32             {
33                 messages[1].Print();
34             }
35             else if (name.ToLower() == "wayne")
36             {
37                 messages[2].Print();
38             }
39             else if (name.ToLower() == "robert")
40             {
41                 messages[3].Print();
42             }
43             else
44             {
45                 messages[4].Print();
46             }
47         }
48     }
49 }
50
```

```
1  class Message
2  {
3      private string _text;
4
5      public Message(string text)
6      {
7          _text = text;
8      }
9
10     public void Print()
11     {
12         Console.WriteLine(_text);
13     }
14 }
```

```
Hello, World!  
Enter name (or type 'exit' to quit): liam  
Welcome back, Liam.  
Hello, World!  
Enter name (or type 'exit' to quit): winnie  
Wish you have a great day.  
Hello, World!  
Enter name (or type 'exit' to quit): wayne  
Wow, long time no see!  
Hello, World!  
Enter name (or type 'exit' to quit): robert  
Why haven't you come back here earlier?  
Hello, World!  
Enter name (or type 'exit' to quit): wesley  
No idea who you are.  
Hello, World!  
Enter name (or type 'exit' to quit): 
```

```
using System;

class MainClass
{
    static void Main(string[] args)
    {
        Message myMessage = new Message("Hello, World!");

        Message[] messages = new Message[5];
        messages[0] = new Message("Welcome back, Liam.");
        messages[1] = new Message("Wish you have a great day.");
        messages[2] = new Message("Wow, long time no see!");
        messages[3] = new Message("Why haven't you come back here earlier?");
        messages[4] = new Message("No idea who you are.");

        while (true)
        {
            myMessage.Print();

            Console.Write("Enter name (or type 'exit' to quit): ");
            string name = Console.ReadLine();

            if (name == "exit")
            {
                break;
            }
            else if (name.ToLower() == "liam")
            {
                messages[0].Print();
            }
            else if (name.ToLower() == "winnie")
            {
                messages[1].Print();
            }
            else if (name.ToLower() == "wayne")
            {
                messages[2].Print();
            }
            else if (name.ToLower() == "robert")
            {
                messages[3].Print();
            }
            else
            {
                messages[4].Print();
            }
        }
    }
}
```