SWINBURNE UNIVERSITY OF TECHNOLOGY

COS20007 OBJECT ORIENTED PROGRAMMING

1.2P - Object Oriented Hello World

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File 1 of 4 Program class

```
using System;
   namespace HelloWorld
3
        class Program
5
        {
6
            public static void Main (string[] args)
                Message myMessage = new Message("Hello World");
                myMessage.Print();
                Message[] messages = new Message[5];
12
13
                messages[0] = new Message("Welcome Back");
                messages[1] = new Message("What a lovely name");
15
                messages[2] = new Message("Great name");
                messages[3] = new Message("Oh hi!");
17
                messages[4] = new Message("Thats a silly name!");
18
19
                Console.WriteLine("Enter name: ");
20
                string name = Console.ReadLine().ToLower();
22
23
                 if (name == "manar") {
24
                     messages[0].Print();
25
26
                else if (name == "varti") {
27
                     messages[1].Print();
29
                }
30
                else if (name == "david")
31
32
                     messages[2].Print();
34
                else if (name == "alin")
35
36
                     messages[3].Print();
37
                }
38
                else {
39
                     messages[4].Print();
40
41
42
43
                Console.ReadLine();
45
            }
46
        }
47
   }
48
```

File 2 of 4 Message class

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

```
× Program.cs
 Program > M Main(string[] args)
                 using System;
                  namespace HelloWorld
                         class Program
      6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36
                              public static void Main (string[] args)
                                    Message myMessage = new Message("Hello World");
myMessage.Print();
                                     Message[] messages = new Message[5];
                                    messages[0] = new Message("Welcome Back");
messages[1] = new Message("What a lovely name");
messages[2] = new Message("Great name");
messages[3] = new Message("Oh hi!");
messages[4] = new Message("Thats a silly name!");
                                    Console.WriteLine("Enter name: ");
string name = Console.ReadLine().ToLower();
                                     if (name == "manar") {
   messages[0].Print();
                                     else if (name == "varti") {
                                           messages[1].Print();
                                     else if (name == "david")
                                           messages[2].Print();
                                     else if (name == "alin")
{
                                           messages[3].Print();
⊗ Errors 🖈 🗸
                       ® Breakpoints ★ ∨ 🖁 Locals ★ ∨ 👓 Watch ★ ∨ 🖂 Immediate ★ ∨ <\ Threads ★ ∨ 🖾 Terminal – 1.2P OO Hello World ★ ∨
Hello World
Enter name:
Manar
Welcome Back
```

