SWINBURNE UNIVERSITY OF TECHNOLOGY

COS20007 OBJECT ORIENTED PROGRAMMING

1.2P - Object Oriented Hello World

PDF generated at 15:31 on Thursday 9th March, 2023

```csharp
using System;

namespace HellWorld
{
    class MainClass
    {
        public static void Main(string[] args)
        {
            Message myMessage;
            myMessage = new Message ("Hello World - from Message Object");
            myMessage.Print ();



                Message[] aMessage = new Message[5];

                aMessage[0] = new Message("Welcome back!");
                aMessage[1] = new Message("What a lovely name");
                aMessage[2] = new Message("Great name");
                aMessage[3] = new Message("Oh hi!");
                aMessage[4] = new Message("That is a silly name");

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

            if (name.ToLower() == "mark")
            {
                aMessage[0].Print();
            }
            else if (name.ToLower() == "fred")
            {
                aMessage[1].Print();
            }
            else if (name.ToLower() == "wilma")
            {
                aMessage[2].Print();
            }
            else if (name.ToLower() == "alice")
            {
                aMessage[3].Print();
            }
            else
            {
                aMessage[4].Print();
            }




        }
    }
}
```

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

```
 8              _text = text;
 9          }
            12 references
10          public void Print()
11          {
12              Console.WriteLine(_text);
13          }
14      }
15
16
17
18
19
```

91 %   No issues found   Ln: 8 Ch: 13 SPC CRLF

Error List

Entire Solution   ⊗ 2 Errors   ⚠ 2 Warnings   ⓘ 0 of 3 Messages   Build + IntelliSense

Search Error List

	Code	Description	Project	File	Line	Suppression State
⊗	CS0101	The namespace 'HellWorld' already contains a definition for 'MainClass'	HelloWorld	Program.cs	5	Active

Call Stack

Name	Lang
HelloWorld.dll!Message.Message(string text) Line 8	C#
HelloWorld.dll!HellWorld.MainClass.Main(string[] args) Line 10	C#