Swinburne University of Technology

COS20007 Object Oriented Programming

Object Oriented Hello World

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```
// See https://aka.ms/new-console-template for more information
// Console.WriteLine("Hello, World!");

using System;

namespace HelloWorld
{
    class MainClass
    {
        public static void Main(string[] args)
        {
            Message myMessage;
            myMessage = new Message("Hello World - from Message Object");
            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("That is a silly name");

            Console.Write("Enter name:");
            string name = Console.ReadLine();
            name = name.ToLower();

            if (name == "duc")
            {
                messages[0].Print();
            }
            else if (name == "hung")
            {
                messages[1].Print();
            }
            else if (name == "phuong")
            {
                messages[2].Print();
            }
            else if (name == "bao")
            {
                messages[3].Print();
            }
            else
            {
                messages[4].Print();
            }

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

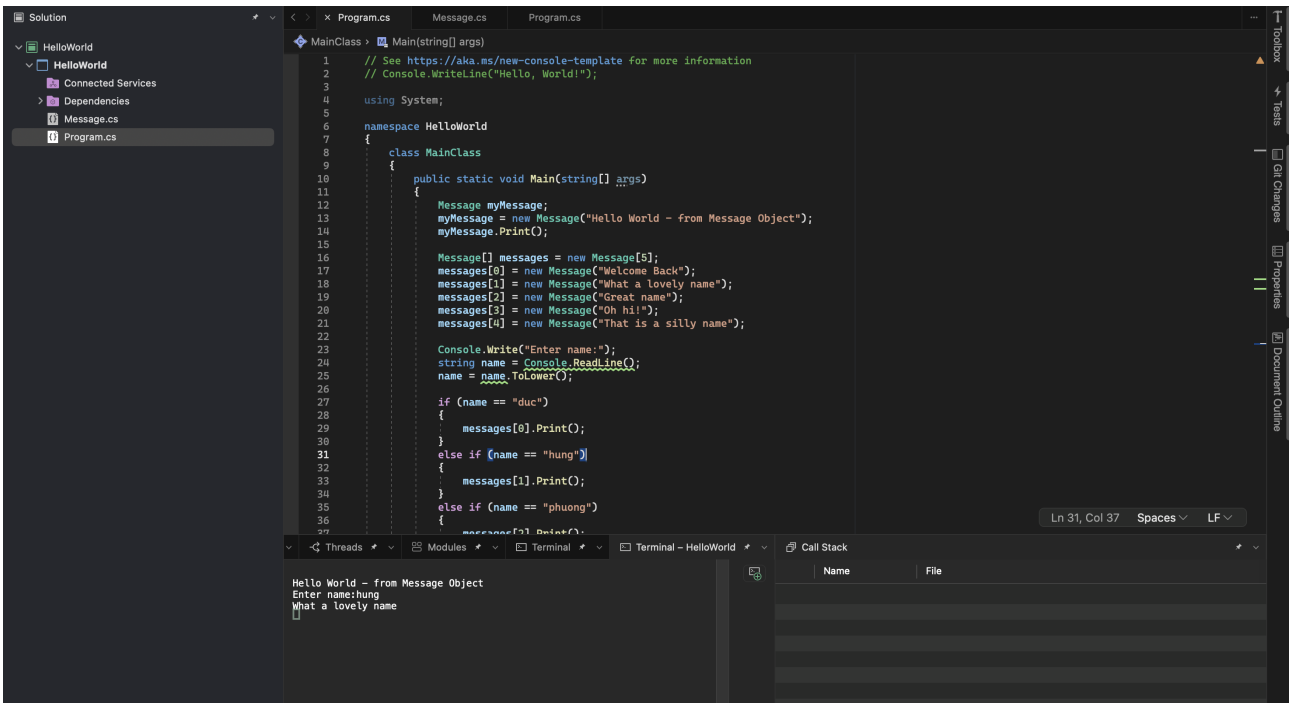
```
using System;

namespace HelloWorld
{
    public class Message
    {
        private string _text;

        public Message( string text)
        {
            _text = text;
        }

        public void Print()
        {
            Console.WriteLine(_text);
        }
    }
}

```


Solution
HelloWorld
HelloWorld
Connected Services
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Message.cs
Program.cs
Program.cs
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Program.cs
MainClass › Main(string[] args)
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}
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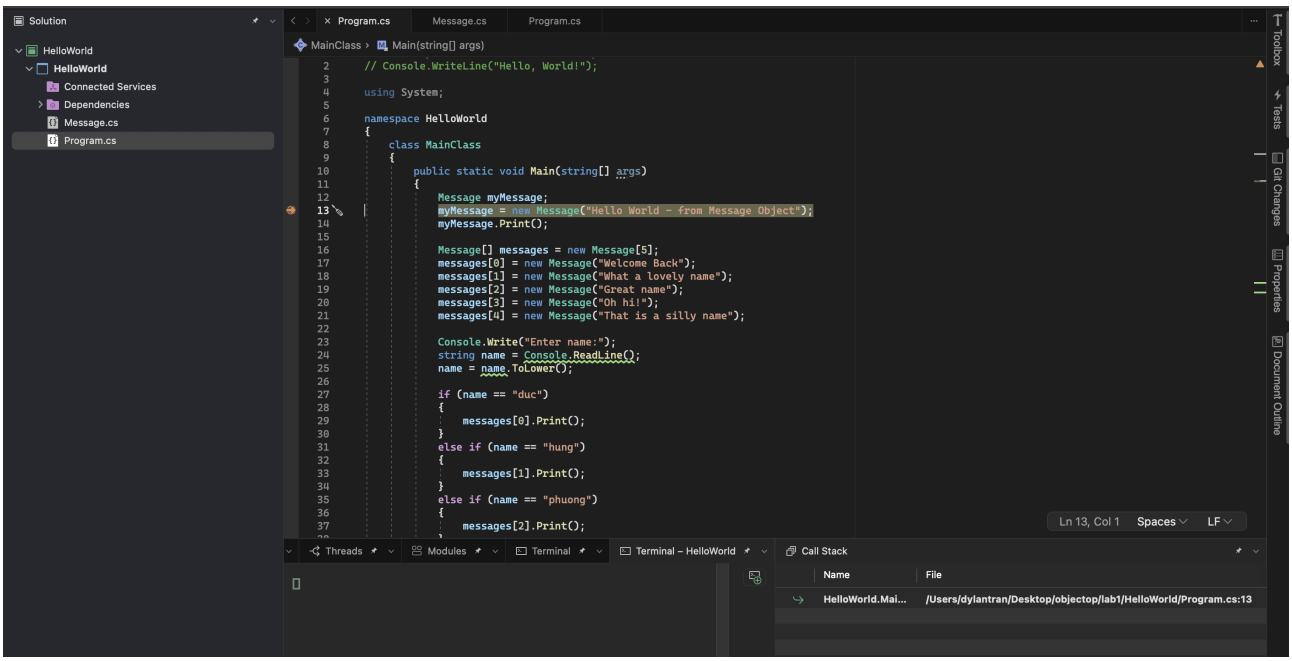
{
Ln 31, Col 37
Spaces
LF
Threads
Modules
Terminal
Terminal – HelloWorld
Call Stack
Name
File
Hello World - from Message Object
Enter name:hung
What a lovely name
Toolbox
Tests
Git Changes
Properties
Document Outline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Ln 13, Col 1
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Terminal – HelloWorld
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Name
File
HelloWorld.Mai...
/Users/dylantran/Desktop/objectop/lab1/HelloWorld/Program.cs:13
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