SWINBURNE UNIVERSITY OF TECHNOLOGY

COS20007 OBJECT ORIENTED PROGRAMMING

In Person Check-in 1 - Tools

PDF generated at 13:36 on Friday 11th August, 2023

2.1P: In Person Check-in 1 – Answer Sheet

1. Briefly describe your prior experience with programming.

   I am not very good at programming. However, I try my best to understand and implement whatever I have learnt and understood through lectures and resources. I studied Introduction to Programming, earlier in which I learnt ruby which is more understandable than C#.

2. Based on what you have seen so far, what do you think will be most challenging about this unit?

   What I feel about this unit is that any ignorance to even procrastinating any task will cause a lot of trouble. I have to keep track with all the lecture videos and lab tutorials. Also charlotte's online lectures will provide a useful resource.

3. What can you do to prepare yourself for that challenge (resources you can use, approach to studying etc.)?

   I have to be well acquainted with all the concepts and be regular with weekly tasks. I will have to watch lectures time to time. Also I can follow books from the library to gain better understanding of the toopics – like The Object-Oriented Thought Process

4. Is there anything you think the teaching staff should know to best help you this semester?

   I am not very good at programming and it takes me quite some time to understand basic syntax and language especially in a language like c#.
   So if the tutors help me in studying from the very basics, It would be better for me.

Visual Studio   File   Edit   View   Search   Git   Project   Build   Debug   Tools   Window   Help   Fri 11 Aug 1:33 pm

TestingDemo › Debug › Default   TestingDemo   to search...

Solution   × Program.cs   TestIdentifiableObject.cs   GlobalUsings.cs   Connected Services – NUnitTests   UnitTest1.cs

No selection

TestingDemo
  NUnitTests
    Connected Services
    Dependencies
    GlobalUsings.cs
    TestIdentifiableObject.cs
  TestingDemo
    Connected Services
    Dependencies
    Program.cs

```
1    using System;
2    namespace TestingDemo
3    {
4        public class Program
5        {
6            static void Main(string[] args)
7            {
8                Console.WriteLine("Hello World!");
9            }
10       }
11   }
```

Ln 11, Col 2   Spaces   LF

0   1   Build: 0 errors, 1 warning   Errors   Tasks   Test Results   Package Console   Application Output - Projects   Terminal – Projects

```
1    /*
2    * File: NunitTemplate.cs
3    * Unit: COS20007 Object Oriented Programming
4    * Institution: Swinburne University of Technology
5    */
6    using System;
7    using System.Collections.Generic;
8    using Microsoft.VisualBasic;
9    using NUnit.Framework; //Don't forget this.
10   using NUnit.Framework.Internal;
11   namespace NUnitTests //This should match your NUnit test project name.
12   {
13       [TestFixture]
14       public class TestIdentifiableObject //Rename this appropriately.
15       {
16           /// <summary>
17           /// FIELDS
18           /// Declare the fields you are going to use to access the objects you are testing here.
19           /// </summary>
20           //For Example:
21           private Object _testableObject;
22           private string _testableString;
23           /// <summary>
24           /// SETUP
25           /// Use this method to setup the objects you are going to use for eac test.
26           /// This method will be executed before each test is run, "resetting" you objects/data.
27           /// </summary>
28           //For Example:
29           [SetUp]
30           public void SetUp()
31           {
```

Test Results

Successful Tests   Failed Tests   Inconclusive Tests   Tests not run   Output

- TestingDemo.NUnitTests.NUnitTests.TestIdentifiableObject.TestObjectExists
- TestingDemo.NUnitTests.NUnitTests.TestIdentifiableObject.TestString("Some string.")
- TestingDemo.NUnitTests.NUnitTests.TestIdentifiableObject.TestString("SOME sTrInG.")
- TestingDemo.NUnitTests.NUnitTests.TestIdentifiableObject.TestString("some string.")

Test results for **TestingDemo** configuration **Debug**: **Passed**: 4 **Errors**: 0 **Inconclusive**: 0 **NotRun**: 0 **Time**: 00:00:00.0221840

NUnit Adapter 4.4.0.0: Test execution started
Running all tests in /Users/guest1/Projects/TestingDemo/NUnitTests/bin/Debug/net7.0/NUnitTests.dll
    NUnit3TestExecutor discovered 4 of 4 NUnit test cases using Current Discovery mode, Non-Explicit run
NUnit Adapter 4.4.0.0: Test execution complete
- Success 'TestingDemo.NUnitTests.NUnitTests.TestIdentifiableObject.TestObjectExists'

- Success 'TestingDemo.NUnitTests.NUnitTests.TestIdentifiableObject.TestString("Some string.")'