

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

1. Briefly describe your prior experience with programming.

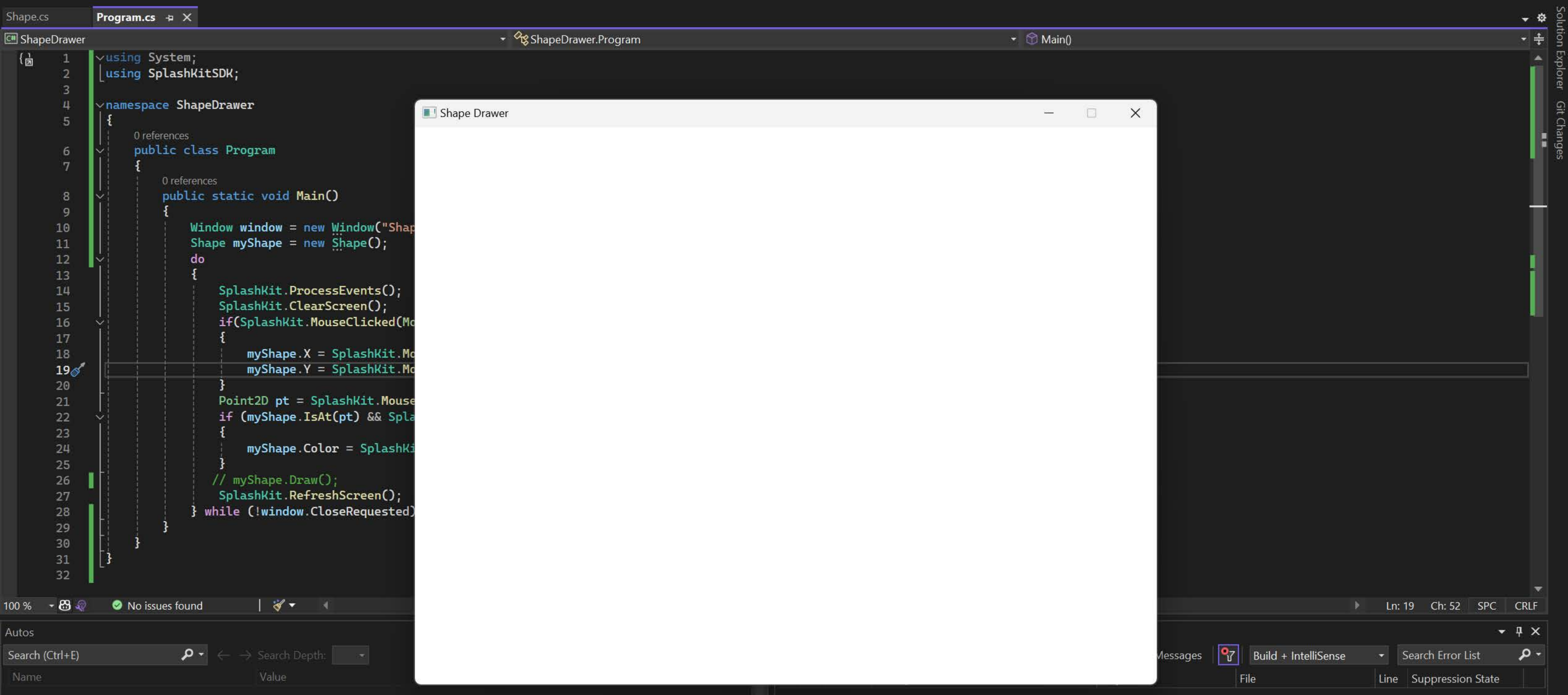
2. Based on what you have seen so far, what do you think will be most challenging about COS20007?

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

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

```
5 static void Main(string[] args)
6 {
7     Message myMessage = new Message("Hello, World! Greetings
8     myMessage.Print();
9
10    Message[] messages =
11    {
12        new Message("It's nice to meet you. "),
13        new Message("It's a pleasure to meet you. "),
14        new Message("Hi."),
15        new Message("Hello."),
16        new Message("Greetings.")
17    };
18
19    while (true)
20    {
21        Console.WriteLine("Enter name: ");
22        string name = Console.ReadLine();
23        name = name.ToLower();
24        if (name == "wilma")
25            messages[0].Print();
26        else if (name == "fred")
27            messages[1].Print();
28        else if (name == "barney")
29            messages[2].Print();
30        else if (name == "betty")
31            messages[3].Print();
32        else
33            messages[4].Print();
34    }
35 }
36
37
38
```

```
D:\workspace\COS20007\COS x + v
Hello, World! Greetings from Message Object.
Enter name:
wilma
It's nice to meet you.
Enter name:
fred
It's a pleasure to meet you.
Enter name:
barney
Hi.
Enter name:
Betty
Hello.
Enter name:
Sen
Greetings.
Enter name:
|
```





TestProject1

TestProject1.Tests

TestEnqueue()

```
1 using QueueApplication;
2
3 namespace TestProject1
4 {
5     0 references
6     public class Tests
7     {
8         [SetUp]
9         0 references
10        public void Setup()
11        {
12
13        [Test]
14        0 references
15        public void TestEnqueue()
16        {
17            IntegerQueue myQueue = new IntegerQueue();
18
19            myQueue.Enqueue(12345);
20            int myCount = myQueue.Count;
21
22            Assert.That(myCount, Is.EqualTo(1));
23            Assert.That(myQueue._elements.Count, Is.EqualTo(1));
24            Assert.That(myQueue._elements[0], Is.EqualTo(12345));
25
26        [Test]
27        0 references
28        public void TestDequeue()
29        {
30            Assert.Fail();
31        }
32    }
33 }
```

Test Explorer

Test run finished: 2 Tests (1 Passed, 1 Failed, 0 Skipped) run in 220 ms

0 Warnings 0 Errors

Test	Duration	Trail
TestProject1 (2)	103 ms	
TestProject1 (2)	103 ms	
Tests (2)	103 ms	
TestDequeue	59 ms	
TestEnqueue	44 ms	

Solution Explorer

Search Solution Explorer (Ctrl+;)

- Solution 'QueueApplication' (2 of 2)
  - QueueApplication
    - Dependencies
    - IntegerQueue.cs
    - Program.cs
  - TestProject1
    - Dependencies
    - UnitTest1.cs