

## C# Lab Tutorials

Name : Sasindi Nethara Welagedara

Batch : 22.2 (Technology Management – Plymouth University)

Student ID: 27975

### Day 06

*\* Please Note that I'm typing out the answers in a word/pdf file and uploading it to github since I own an iPad and VSCode is not available on my device. Please excuse me and I apologize for any inconvenience caused. Thank you. \**

#### Question 06

##### ❖ Array

```
- namespace lab06Q6
- {
-     internal class array
-     {
-         private int[] array;
-
-         public arrayClass(int arraySize)
-         {
-             array = new int[arraySize + 1];
-         }
-
-         public void GetUserInputs()
-         {
-             for (int i = 0; i < array.Length; i = i + 2)
-             {
-                 int value = Convert.ToInt32(Console.ReadLine());
-                 array[i] = value;
-                 array[i + 1] = 0;
-             }
-         }
-
-         public void DisplayArray()
-         {
-             Console.WriteLine();
-
-             for (int i = 0; i < array.Length - 1; i++)
-             {
-                 Console.WriteLine(array[i]);
-             }
-         }
-     }
- }
```

- }

❖ Program

```
- namespace lab06Q6
- {
-     internal class Program
-     {
-         static void Main(string[] args)
-         {
-             Console.Write("Enter the array size: ");
-             int arraySize = Convert.ToInt32(Console.ReadLine());
-
-             array ArrayClass = new array(arraySize);
-
-             ArrayClass.GetUserInputs();
-
-             ArrayClass.DisplayArray();
-
-             Console.ReadLine();
-         }
-     }
- }
```