



LAIKIN BARNARD FA1

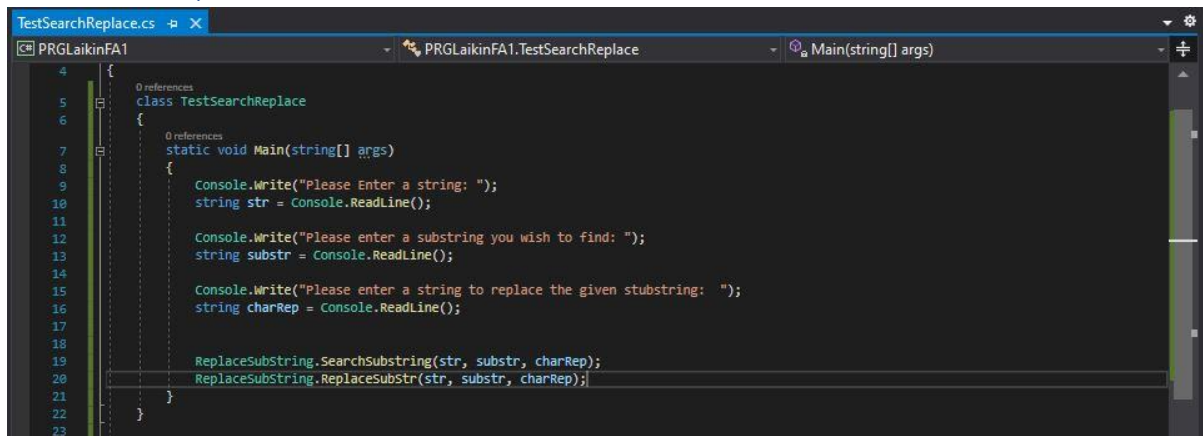


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QUESTION 19:

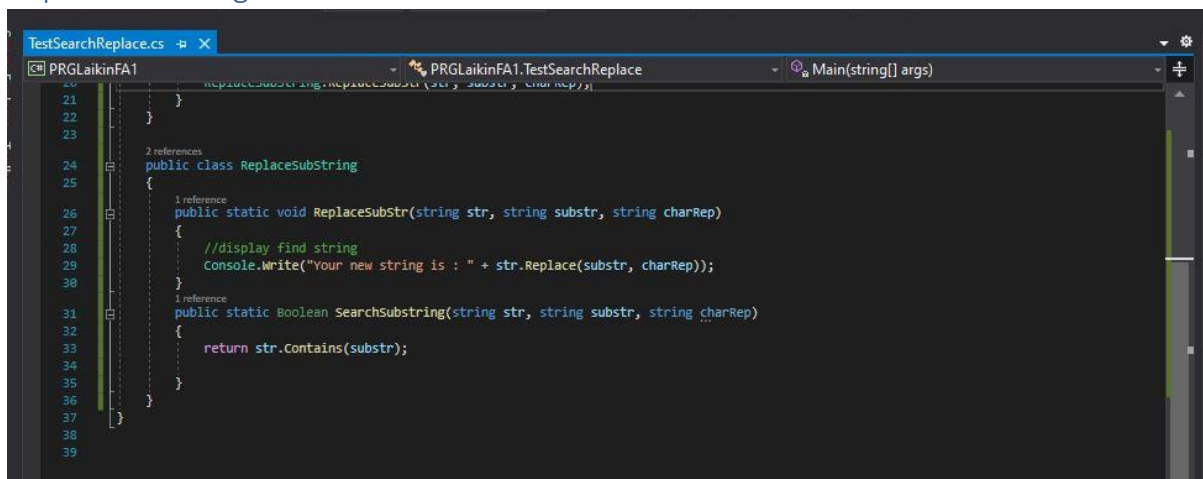
TestSearchReplace Class



```
TestSearchReplace.cs
PRGLaikinFA1
PRGLaikinFA1.TestSearchReplace
Main(string[] args)

4
5 0 references
6 class TestSearchReplace
7 {
8     0 references
9     static void Main(string[] args)
10    {
11        Console.WriteLine("Please Enter a string: ");
12        string str = Console.ReadLine();
13
14        Console.WriteLine("Please enter a substring you wish to find: ");
15        string substr = Console.ReadLine();
16
17        Console.WriteLine("Please enter a string to replace the given stubstring: ");
18        string charRep = Console.ReadLine();
19
20        ReplaceSubString.SearchSubString(str, substr, charRep);
21        ReplaceSubString.ReplaceSubStr(str, substr, charRep);
22    }
23 }
```

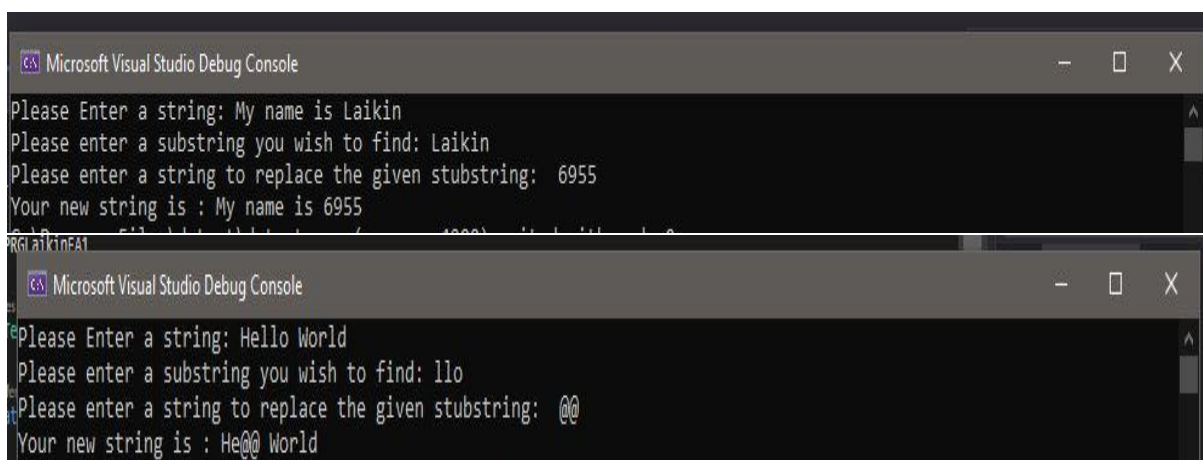
ReplaceSubString Class



```
TestSearchReplace.cs
PRGLaikinFA1
PRGLaikinFA1.TestSearchReplace
Main(string[] args)

21
22
23
24 2 references
25 public class ReplaceSubString
26 {
27     1 reference
28     public static void ReplaceSubStr(string str, string substr, string charRep)
29     {
30         //display find string
31         Console.WriteLine("Your new string is : " + str.Replace(substr, charRep));
32     }
33     1 reference
34     public static Boolean SearchSubString(string str, string substr, string charRep)
35     {
36         return str.Contains(substr);
37     }
38 }
39 }
```

RESULTS:



```
Microsoft Visual Studio Debug Console
Please Enter a string: My name is Laikin
Please enter a substring you wish to find: Laikin
Please enter a string to replace the given stubstring: 6955
Your new string is : My name is 6955

PRGLaikinFA1
Microsoft Visual Studio Debug Console
Please Enter a string: Hello World
Please enter a substring you wish to find: llo
Please enter a string to replace the given stubstring: @@
Your new string is : He@@ World
```

CODE:

```
namespace PRGLaikinFA1
{
    class TestSearchReplace
    {
        static void Main(string[] args)
        {
            Console.Write("Please Enter a string: ");
            string str = Console.ReadLine();

            Console.Write("Please enter a substring you wish to find: ");
            string substr = Console.ReadLine();

            Console.Write("Please enter a string to replace the given stubstring: ");
            string charRep = Console.ReadLine();

            ReplaceSubString.SearchSubstring(str, substr, charRep);
            ReplaceSubString.ReplaceSubStr(str, substr, charRep);
        }
    }

    public class ReplaceSubString
    {
        public static void ReplaceSubStr(string str, string substr, string charRep)
        {
            //display find string
            Console.Write("Your new string is : " + str.Replace(substr, charRep));
        }
        public static Boolean SearchSubstring(string str, string substr, string
charRep)
        {
            return str.Contains(substr);
        }
    }
}
```