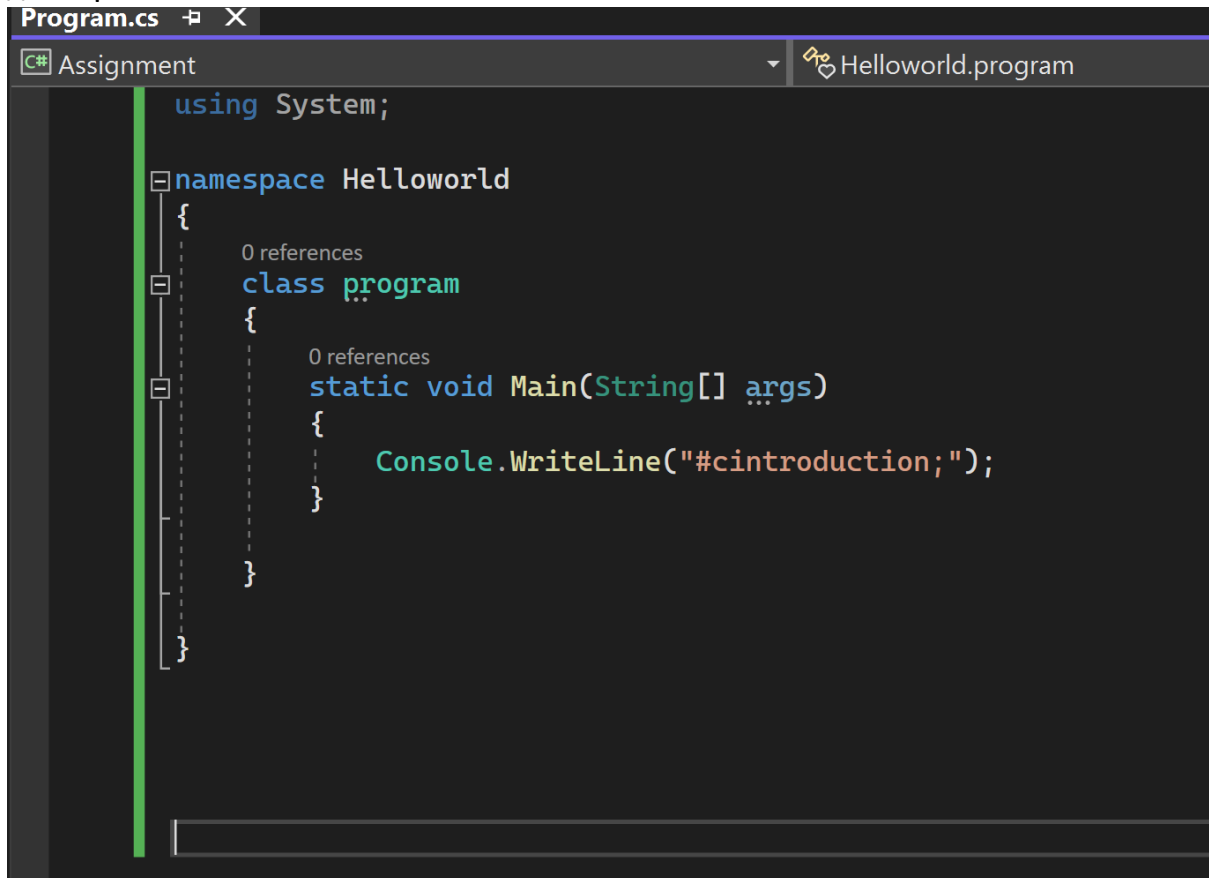


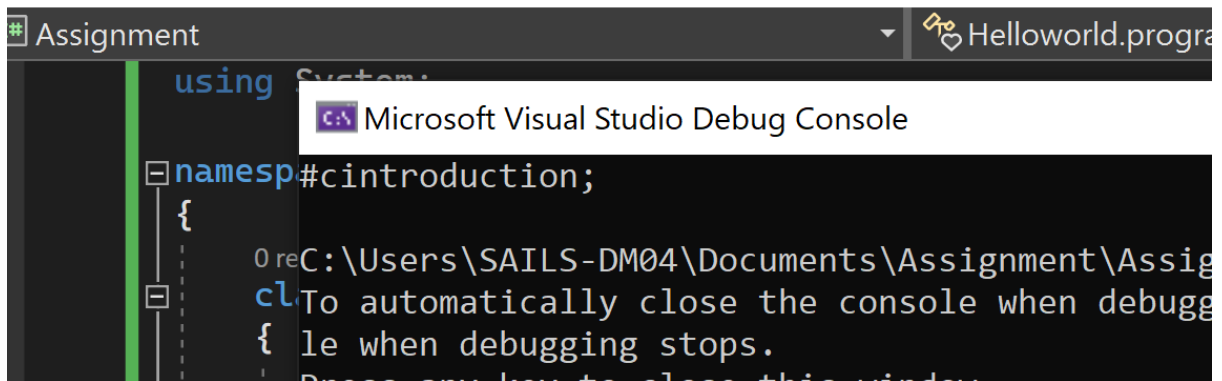
1. Write a program to get Output as “C# Introduction”?

//Output:



```
Program.cs
using System;

namespace Helloworld
{
    class program
    {
        static void Main(String[] args)
        {
            Console.WriteLine("#cintroduction;");
        }
    }
}
```



```
Assignment
using System;

namespace Helloworld
{
    class program
    {
        static void Main(String[] args)
        {
            Console.WriteLine("#cintroduction;");
        }
    }
}
```

Microsoft Visual Studio Debug Console

C:\Users\SAILS-DM04\Documents\Assignment\Assignment1\Program.cs

To automatically close the console when debugging stops. Press any key to close this window.

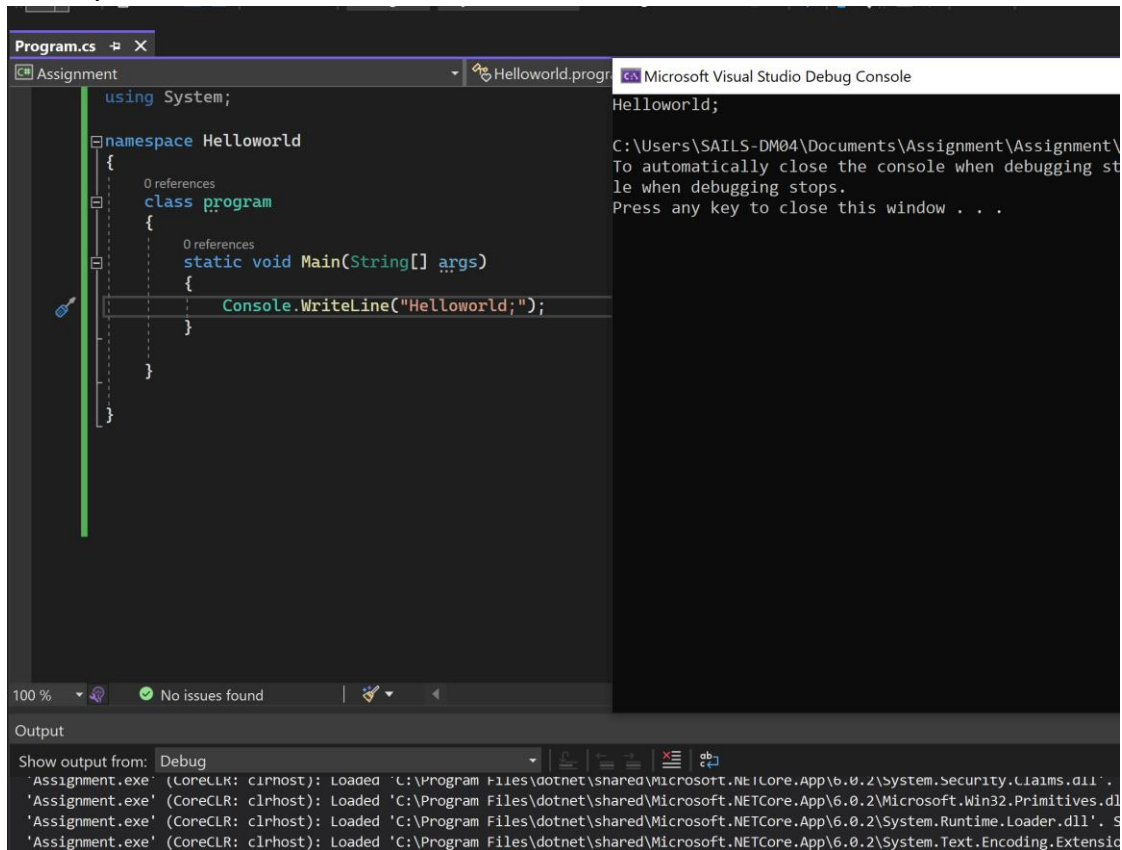
2. Fill the Missing Part. And Output should be “Hello World”?

```
static void (string[] args)
```

```
{
```

```
("Hello World!");
}
```

//Output:



3. What should I use to not execute “ The code below will print the words Hello World to the screen, and it is amazing”?

```
using System;
```

```
namespace HelloWorld
```

```
{
```

```
class Program
```

```
{
```

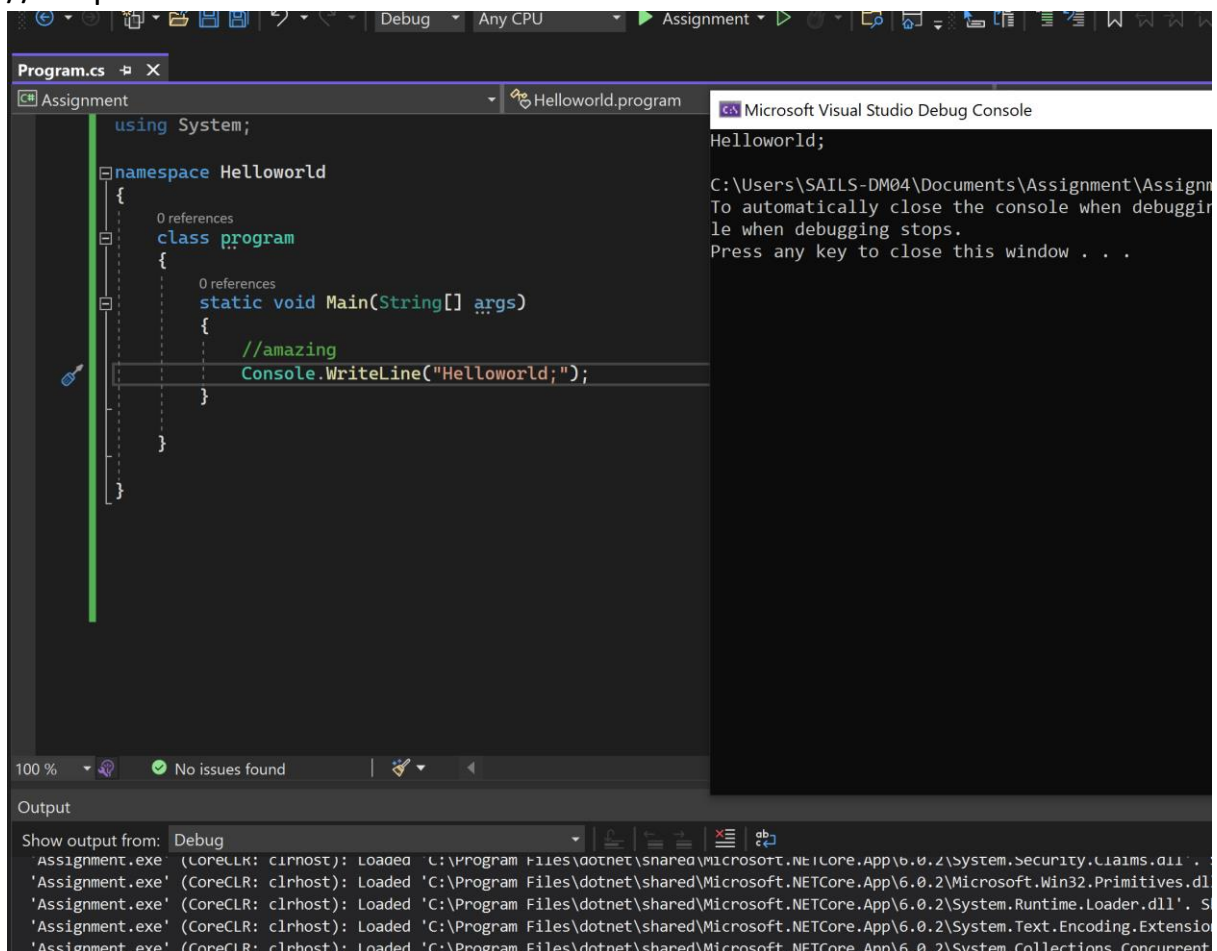
```
static void Main(string[] args)
```

```

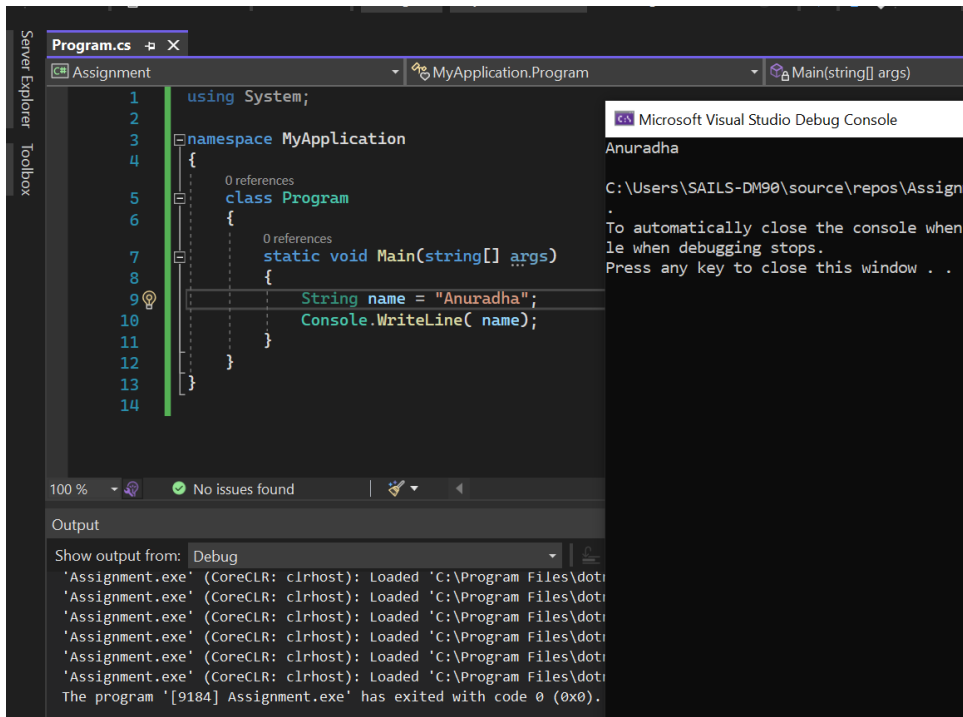
{
    The code below will print the words Hello World
    to the screen, and it is amazing
    Console.WriteLine("Hello World!");
}
}
}

```

//Output:



4. Create a string variable with your name?

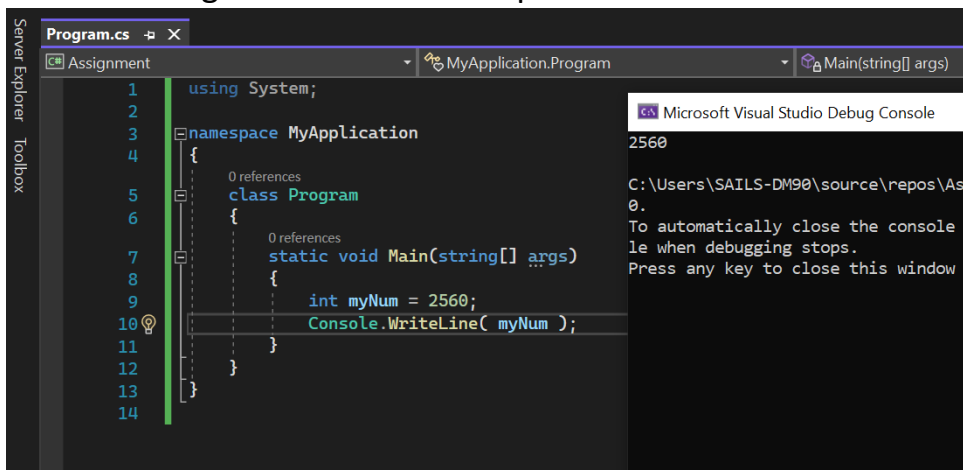


The screenshot shows the Visual Studio IDE with a C# file named `Program.cs` open. The code defines a namespace `MyApplication` and a class `Program` with a static `Main` method. Inside `Main`, a string variable `name` is initialized to `"Anuradha"`, and `Console.WriteLine(name)` is called. The `Output` window at the bottom shows the program's execution, and the `Microsoft Visual Studio Debug Console` on the right displays the output `Anuradha`.

```
1 using System;
2
3 namespace MyApplication
4 {
5     class Program
6     {
7         static void Main(string[] args)
8         {
9             String name = "Anuradha";
10            Console.WriteLine( name);
11        }
12    }
13 }
14
```

Output: Anuradha

5. Create a integer variable with output as 2560?

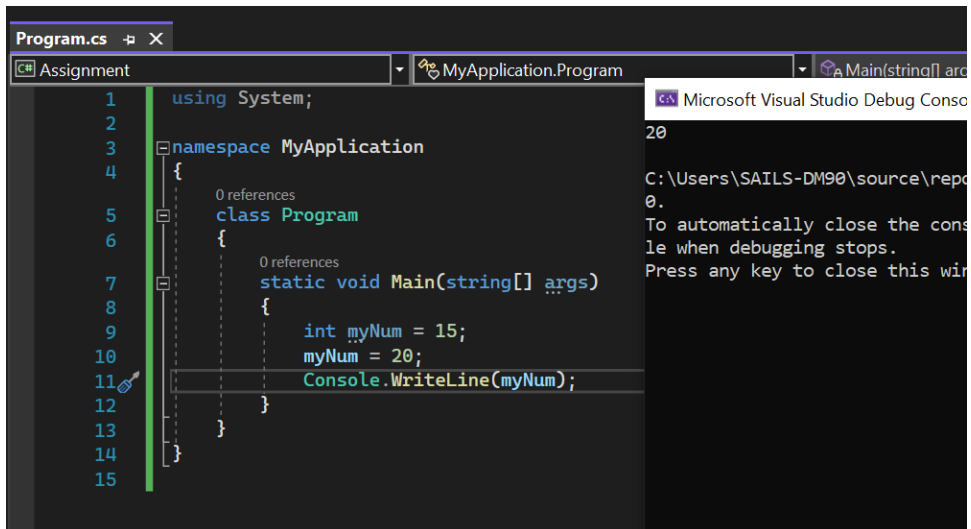


The screenshot shows the Visual Studio IDE with a C# file named `Program.cs` open. The code defines a namespace `MyApplication` and a class `Program` with a static `Main` method. Inside `Main`, an integer variable `myNum` is initialized to `2560`, and `Console.WriteLine(myNum)` is called. The `Output` window at the bottom shows the program's execution, and the `Microsoft Visual Studio Debug Console` on the right displays the output `2560`.

```
1 using System;
2
3 namespace MyApplication
4 {
5     class Program
6     {
7         static void Main(string[] args)
8         {
9             int myNum = 2560;
10            Console.WriteLine( myNum );
11        }
12    }
13 }
14
```

Output: 2560

6. Overwrite 15 to 20 as output using datatype.



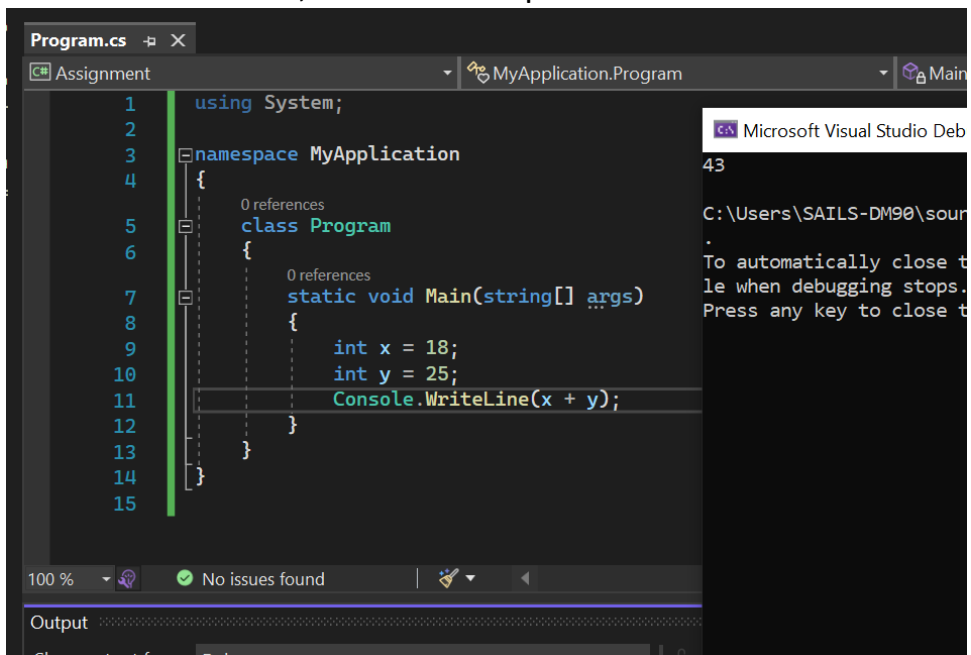
```
1 using System;
2
3 namespace MyApplication
4 {
5     0 references
6     class Program
7     {
8         0 references
9         static void Main(string[] args)
10        {
11            int myNum = 15;
12            myNum = 20;
13            Console.WriteLine(myNum);
14        }
15    }
```

Microsoft Visual Studio Debug Console

20

C:\Users\SAILS-DM90\source\repo
0.
To automatically close the console
le when debugging stops.
Press any key to close this window

7. Combine 18 and 25, and show output sum of the two?



```
1 using System;
2
3 namespace MyApplication
4 {
5     0 references
6     class Program
7     {
8         0 references
9         static void Main(string[] args)
10        {
11            int x = 18;
12            int y = 25;
13            Console.WriteLine(x + y);
14        }
15    }
```

Microsoft Visual Studio Debug Console

43

C:\Users\SAILS-DM90\source
.
To automatically close the console
le when debugging stops.
Press any key to close this window

100 % No issues found

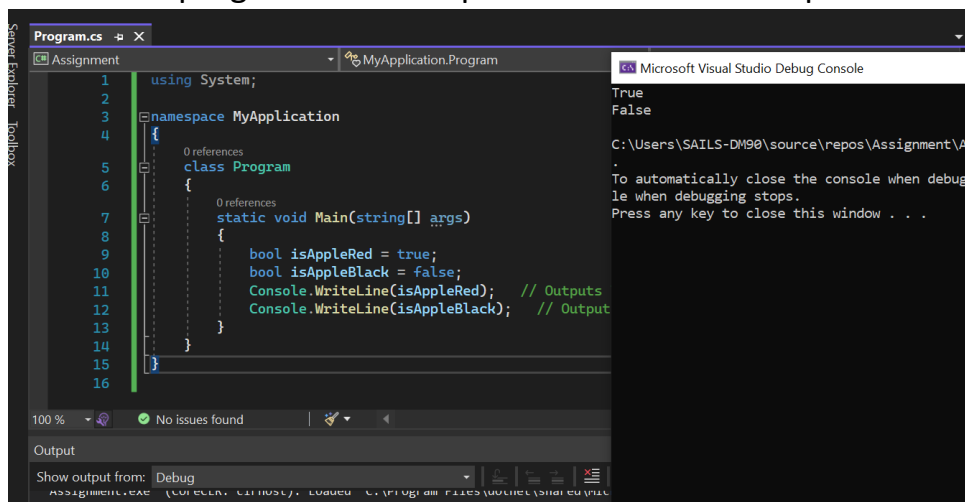
Output

Show output from: Debug

8. Write one example on each datatype and show the output?

9. Give One example using all operators and show the output?

10. Write one program on Bool operation and show output?



The screenshot shows the Visual Studio IDE with a C# program named 'Program.cs' and its debug output. The code defines a namespace 'MyApplication' and a class 'Program' with a static method 'Main'. Inside 'Main', two boolean variables are declared: 'isAppleRed' (true) and 'isAppleBlack' (false). The program then writes these values to the console. The debug console shows the output: 'True' and 'False'.

```
using System;

namespace MyApplication
{
    class Program
    {
        static void Main(string[] args)
        {
            bool isAppleRed = true;
            bool isAppleBlack = false;
            Console.WriteLine(isAppleRed); // Outputs True
            Console.WriteLine(isAppleBlack); // Outputs False
        }
    }
}
```

Microsoft Visual Studio Debug Console

```
True
False

C:\Users\SAILS-DM90\source\repos\Assignment\A
.
To automatically close the console when debug
le when debugging stops.
Press any key to close this window . . .
```

11. How can I declare a constant value to any variable name? with example.

12. What is identifier in below program?

using System;

namespace MyApplication

{

class Program

{

static void Main(string[] args)

{

int minutesPerHour = 60;

int m = 60;

Console.WriteLine(minutesPerHour);

Console.WriteLine(m);

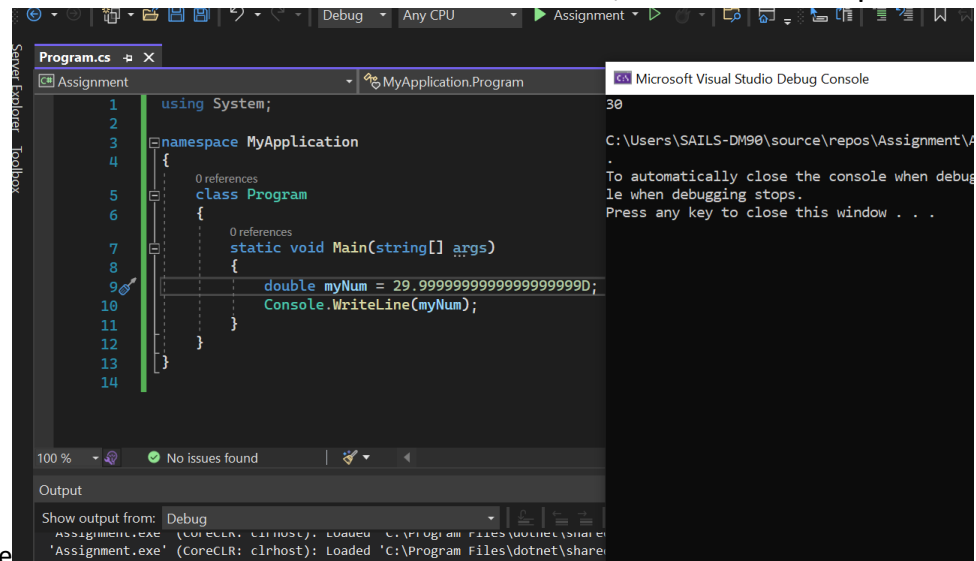
}

}

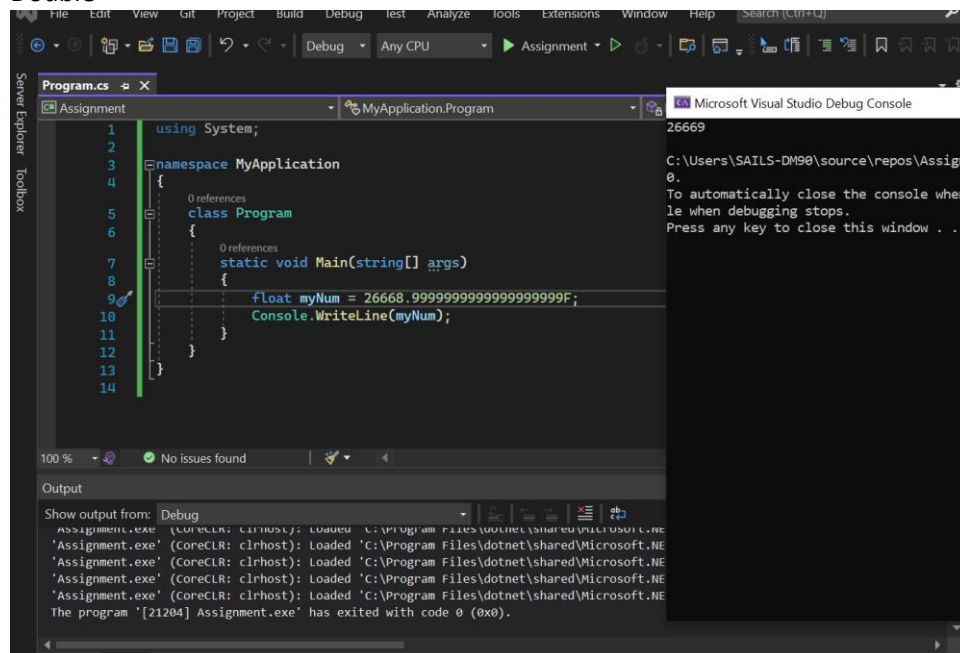
}

A: int minutesPerHour = 60;

13. What is difference between float and double, with one example each?



14. Double



15. What is the output for below?

using System;

namespace MyApplication

{

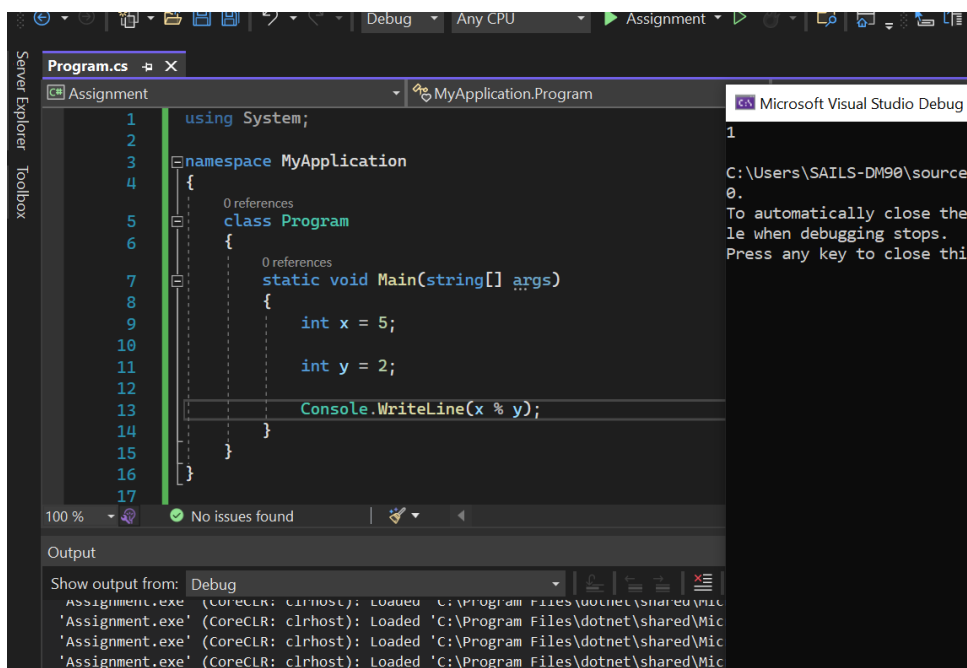
class Program

{

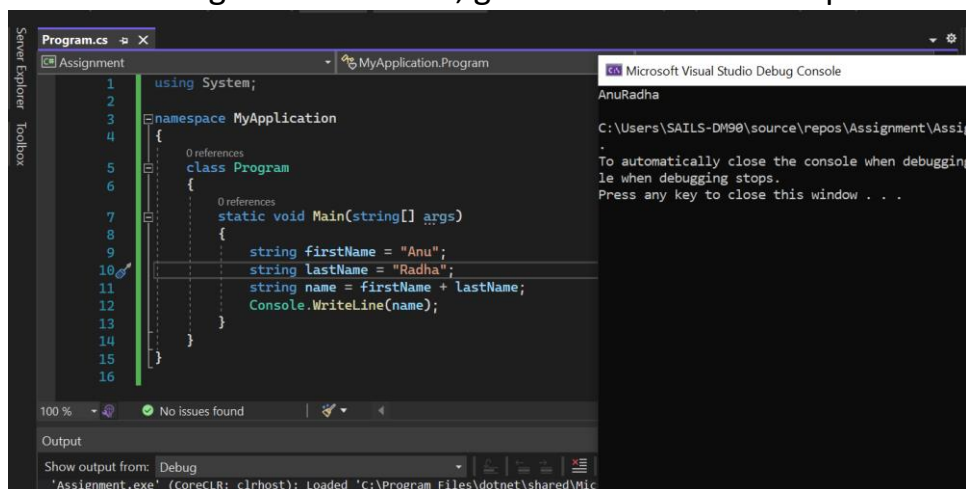
```

static void Main(string[] args)
{
    int x = 5;
    int y = 2;
    Console.WriteLine(x % y);
}
}
}

```



16. What is string Concatenation, give me with one example.



17. Which of the following are NOT Relational operators in C#.NET?

>=

!=

Not

<=

<>=

A. 1, 3

B. 2, 4

C. 3, 5

D. 4, 5

E. None of these

18. Which of the following statements are correct about the following code snippet?

```
int a = 10;
```

```
int b = 20;
```

```
bool c;
```

```
c = !(a > b);
```

There is no error in the code snippet.

An error will be reported since ! can work only with an int.

A value 1 will be assigned to c.

A value True will be assigned to c.

A value False will be assigned to c.

A. 1, 3

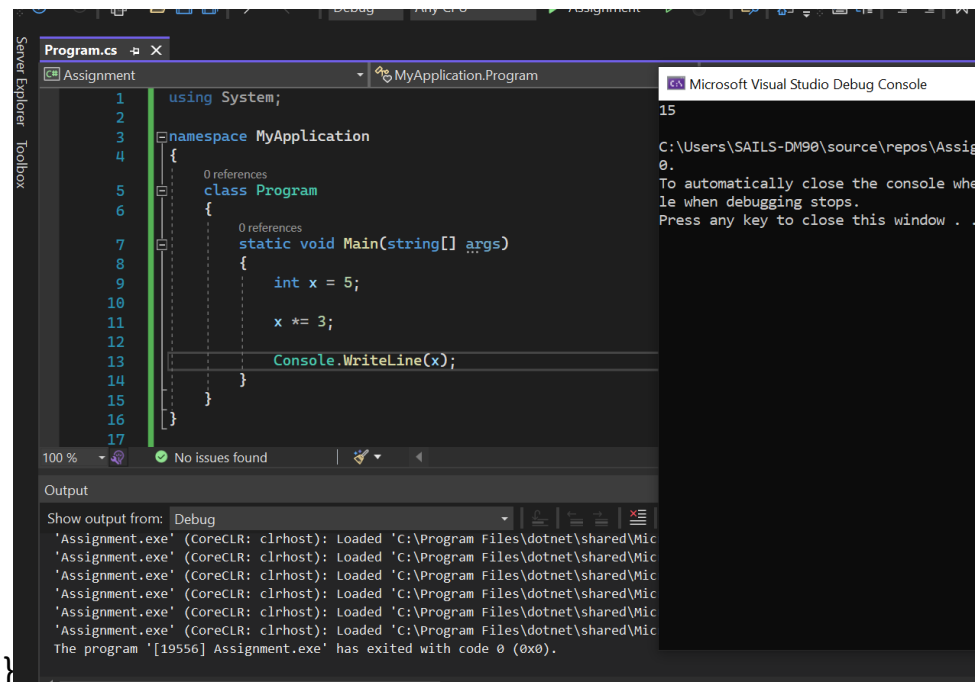
B. 2, 4

- C. 4, 5
- D. 1, 4
- E. None of these

19. What is the expected output?

using System;

```
namespace MyApplication
{
    class Program
    {
        static void Main(string[] args)
        {
            int x = 5;
            x *= 3;
            Console.WriteLine(x);
        }
    }
}
```



20. Write the output?

using System;

namespace MyApplication

{

class Program

{

static void Main(string[] args)

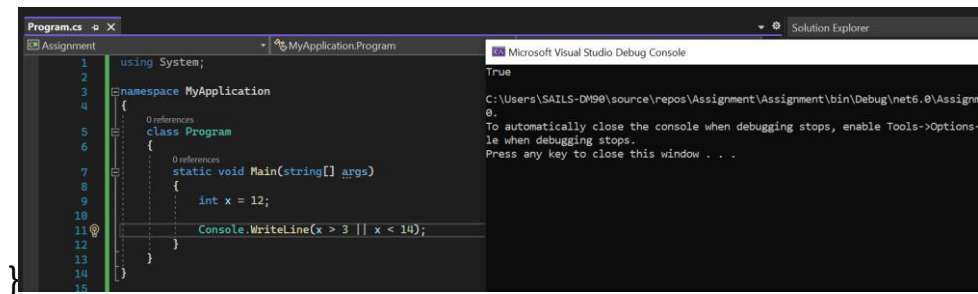
{

int x = 12;

Console.WriteLine(x > 3 || x < 14);

}

}



21. What is output?

```
string firstName = "John ";
```

```
string lastName = "Doe";
```

```
string name = string.Concat(firstName, lastName);
```

```
Console.WriteLine(name);
```

