Task No 01: Print Fibonacci series (0,1,1,2,3,5,8…) by using for and while loop.

Input:

```
        using System;

namespace Abdullah_Sadiq_CP_Home_Tasks
{
    class Program
    {
        static void Main(string[] args)
        {
            Console.WriteLine("\t-Fibonacci series-");
            Console.Write("\n n = ");
            int n = int.Parse(Console.ReadLine());
            int a = 0;
            int b = 1;
            int c = 0;
            Console.Write("The Series is 0,1,");
            while (n > 0)
            {
                c = a + b;
                Console.Write(c + ",");
                a = b;
                b = c;
                n--;
            }
        }
    }
}
```

Output:

Microsoft Visual Studio Debug Console

```
        -Fibonacci series-

 n = 10
The Series is 0,1,1,2,3,5,8,13,21,34,55,89,
C:\Users\ESHOP\source\repos\Abdullah Sadiq CP Home Tasks\Abdullah Sadiq CP Home Tasks
```

Task No 02: Repeatedly print the value of the variable x Value, decreasing it by 0.5 each time, as long as x Value remains positive. (while loop)

Input:

```
        static void Main(string[] args)
        {
            double i;
            Console.Write("Enter the Value of x: ");
            i = Convert.ToDouble(Console.ReadLine());
            while (i >0)
            {
                Console.WriteLine("{0,-5:0.0}- 0.5 = {1,-5:0.0}", i, i -= 0.5);
            }
        }
```

Output:

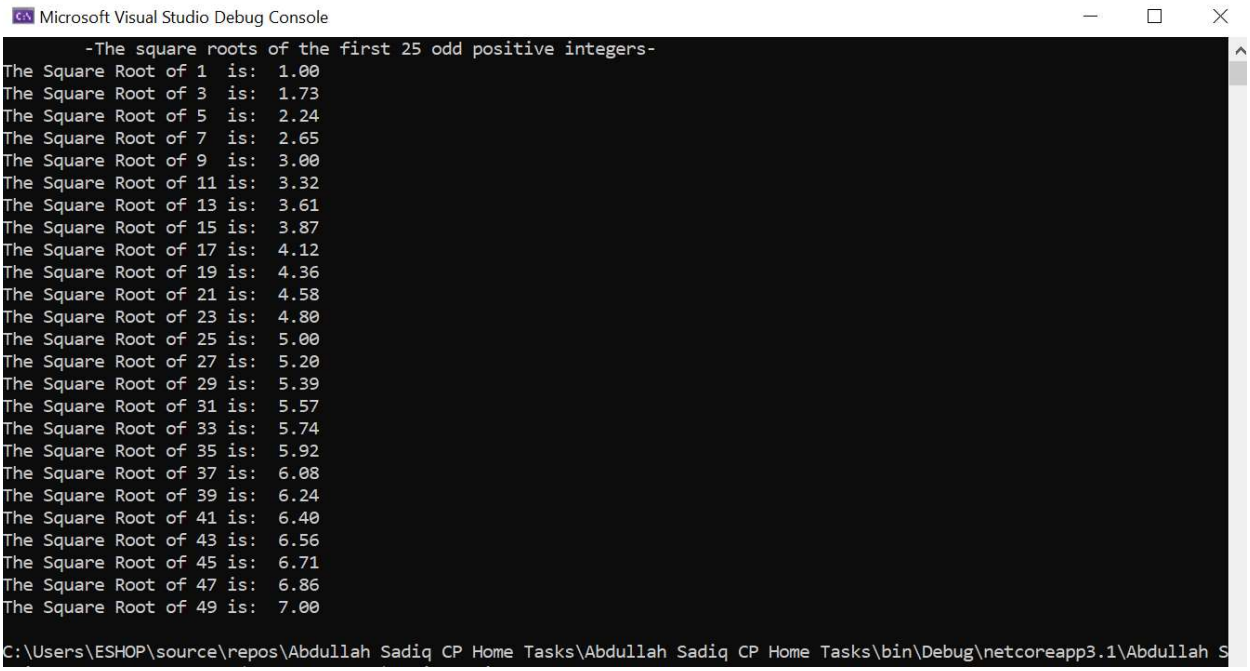
Task No 03: Print the square roots of the first 25 odd positive integers.

Input:

```
        using System;

namespace Abdullah_Sadiq_CP_Home_Tasks
{
    class Program
    {
        static void Main(string[] args)
        {
            int n = 1;
            Console.WriteLine("\t-The square roots of the first 25 odd positive integers-
");
            while (n < 51)
            {
                double root = Math.Sqrt(n);
                Console.WriteLine("The Square Root of {0,-2:0} is:  {1,-5:0.00}", n,
root);
                n += 2;
            }
        }
    }
}
```

Output:


Microsoft Visual Studio Debug Console
-The square roots of the first 25 odd positive integers-
The Square Root of 1 is: 1.00
The Square Root of 3 is: 1.73
The Square Root of 5 is: 2.24
The Square Root of 7 is: 2.65
The Square Root of 9 is: 3.00
The Square Root of 11 is: 3.32
The Square Root of 13 is: 3.61
The Square Root of 15 is: 3.87
The Square Root of 17 is: 4.12
The Square Root of 19 is: 4.36
The Square Root of 21 is: 4.58
The Square Root of 23 is: 4.80
The Square Root of 25 is: 5.00
The Square Root of 27 is: 5.20
The Square Root of 29 is: 5.39
The Square Root of 31 is: 5.57
The Square Root of 33 is: 5.74
The Square Root of 35 is: 5.92
The Square Root of 37 is: 6.08
The Square Root of 39 is: 6.24
The Square Root of 41 is: 6.40
The Square Root of 43 is: 6.56
The Square Root of 45 is: 6.71
The Square Root of 47 is: 6.86
The Square Root of 49 is: 7.00
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