

Q3 Data Programming Problem Set 1 – BDAT 1004

Programiz C# Online Compiler

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Interactive Python Course

```
1 using System;
2
3
4 public class Program
5 {
6     public static void Main(string[] args)
7     {
8         //declare variables
9         double s, area;
10        double a, b, c;
11
12        Console.WriteLine("Enter 1st side of triangle : ");
13        a = double.Parse(Console.ReadLine());
14        Console.WriteLine("Enter 2nd side of triangle : ");
15        b = double.Parse(Console.ReadLine());
16        Console.WriteLine("Enter 3rd side of triangle : ");
17        c = double.Parse(Console.ReadLine());
18
19        s = (a + b + c) / 2;
20        area = Math.Sqrt(s * (s - a) * (s - b) * (s - c));
21
22        Console.WriteLine("Area of a triangle is {0} ", area);
23    }
24 }
25
26
```

Output

```
mono /tmp/9KESISLVSP.exe
Enter 1st side of triangle :
20
Enter 2nd side of triangle :
20
Enter 3rd side of triangle :
20
Area of a triangle is 173.205080756888
```

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