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Department :CMT

Semester : 4th

Shift : 2nd

Roll : 420654

Subject Name : Object Oriented Programmig

Subject Code : 66641

Job no :4

Job Name : Triangle

Program.cs 🔒 ✕

triangle.Program

```csharp
using System;
namespace triangle
{
    class Program
    {
        static void Main(string[] args)
        {
            Console.Write("Enter the lenghth of side 1:");
            double a = Convert.ToDouble(Console.ReadLine());
            Console.Write("Enter the lenghth of side 2:");
            double b = Convert.ToDouble(Console.ReadLine());
            Console.Write("Enter the lenghth of side 3:");
            double c = Convert.ToDouble(Console.ReadLine());
            if (a < 0 || b < 0 || c < 0 || (a + b <= c) || (a + c <= b) || (b + c <= a))
            {
                Console.WriteLine("Not a valid triangle");
                Console.ReadKey();

            }
            else
            {

                double s = (a + b + c) / 2;
                double Area = Math.Sqrt(s * (s - a) * (s - b) * (s - c));
                Console.WriteLine("Area of a Triangle = {0}", Area);
                Console.ReadKey();
            }

        }


    }
}
```

file:///C:/Users/88013/documents/visual studio 2010/Projects/triangle/triangle/bin/D

```
Enter the lenghth of side 1:4
Enter the lenghth of side 2:5
Enter the lenghth of side 3:7
Area of a Triangle = 9.79795897113271
```

75 %