

My Maya

Owl Code



Apt Logic

Logout



J-Path

Contact

[Home](#) / [Owl ground](#) / Heron's Formula

Points: 20

Submissions: 8954



## Description

### Heron's Formula

#### Program Description

Find the area of Triangle using Heron's formula.

Hint:Heron's Formula=  $\sqrt{s*(s-a)*(s-b)*(s-c)}$ .where a,b,c are sides.

#### Input Format

Only line input contains three integers a,b,c.

#### Output Format

Print area of triangle. The result should be decimal value with 4 decimal places.

#### Constraints

$1 \leq a, b, c \leq 50$

### Explanation

Input-1

5 8 6

Output-1

14.9812

Input-2

2 3 5

Output-2

0.0000

Light

C - GCC 11.1.0 ▾

Timer 0:06 sec



```
1 #include<stdio.h>
2 #include<math.h>
3 int main()
4 {
5     int a,b,c;
6     scanf("%d %d %d",&a,&b,&c);
7     double s=(a+b+c)/2.0;
8     double area=sqrt(s*(s-a)*(s-b)*(s-c));
9     printf("%.4lf",area);
10    return 0;
11 }
```

 Run Code

## Compiler Response

#	Testcase	Input	Expected Output	Your Output	Memory	CPU time	Result
1	2 3 5	2 3 5	0.0000	0.0000	1408 KB	3.583 ms	Pass
2	5 8 6	5 8 6	14.9812	14.9812	1408 KB	2.671 ms	Pass

All hidden testcases passed



**TECHNICAL HUB**

Contact

Call: +91 83 43 81 81 81

Email: [support@technicalhub.io](mailto:support@technicalhub.io)

Our Social Media



Light



Copyright 2025 [Technical Hub](#). All Rights Reserved