C	**Session**	Input & Output	**Question Information**	Level 2 Challenge 1

Problem Description:
Jannu and Preethi both went to Egypt for visiting Pyramids.

On seeing the Pyramids they were in discussion.

During the discussion Jannu asked Preethi, what will be the area of this Pyramid.

Preethi have no idea about it.

Can you help Preethi in calculating the area of this Pyramid?
Functional Description:
Area = (height * base)/2

Constraints:
1 <= height <= 500
1 <= base <= 500

Input Format:
The only line of input has two floating point values representing height and base respectively separated by a space.

Output Format:
In the only line of output print the area of the pyramid with only three values after decimal point.

Logical Test Cases

Test Case 1

INPUT (STDIN)

```
31.5 43.7
```

EXPECTED OUTPUT

```
688.275
```

Test Case 2

INPUT (STDIN)

```
176.3 120.6
```

EXPECTED OUTPUT

```
10630.890
```

Mandatory Test Cases

Test Case 1

KEYWORD

```
float base,height,area;
```

Test Case 2

KEYWORD

```
scanf
```

Test Case 3

KEYWORD

```
printf
```

Complexity Test Cases

Test Case 1

CYCLOMATIC COMPLEXITY

```
1
```

Test Case 2

TOKEN COUNT

```
50
```

Test Case 3

NLOC

```
10
```

CODE :

```c
//CH.SC.U4CSE24015
#include <stdio.h>
int main(){
    float base,height,area;
    scanf("%f%f",&height,&base);
    area = (height*base)/2;
    printf("%.3f",area);
    return 1;
}
```

OUTPUT :

```
31.5 43.7
688.275
Process returned 1 (0x1)   execution time : 4.028 s
Press any key to continue.
```

```
176.3 120.6
10630.890
Process returned 1 (0x1)   execution time : 4.553 s
Press any key to continue.
```