

## 1483 - Geometrical Task I

### Description

Do you like geometrical task? Well, today we will work with the calculation of areas. Then, given the shape, you must find the area (integer value).

### Input specification

The only line of the input contain a word S, the shape for the task. If the shape is "square" you must read also a integer A, the side of the square. If it's "rectangle" you must read also two integers A and B, the sides of the rectangle. For this task you can assume that  $1 \leq A, B \leq 1000$ .

### Output specification

Print a single line with the number R, representing the calculated area for the shape.

### Sample input

```
rectangle 5 6
```

### Sample output

```
30
```

### Hint(s)

Source	Yonny Mondelo Hernández (UCI)
Added by	<b>ejaltuna</b>
Addition date	2011-10-13 07:20:40.0
Time limit (ms)	5000
<b>Test limit (ms)</b>	1000
Memory limit (kb)	130000
Output limit (mb)	64

## Caribbean Online Judge

Size limit (bytes)	100000
Enabled languages	Bash C C# C++ Java Pascal Perl PHP Python Ruby Text