

## 2409 - Find the Heterochromatic Index

### Description

Heterochromia is a rare feature on some animals and humans. It consists of having more than one color on the eyes. Complete Heterochromia is a term used to describe a face where the left eye's color is entirely different from the right eye's color. Siberian Huskies for example commonly present this feature.

Now Doctor Frank B. Tree is treating cats with this pattern (Heterochromatic Cats), he says the more difference between the cat eyes' color, the more aggressive the cat can turn. The Doctor assigned each color a number  $1 \leq C \leq 10^9$ , and for each cat he calculates the Heterochromatic Index which is a positive integer equal to the difference between the left eye's color and the right eye's color of a cat.

Now the Doctor asks you to calculate the Heterochromatic Index for a given cat.

### Input specification

On the first line a string  $1 \leq |S| \leq 20$  the name of the cat. On the second line two space-separated integer numbers representing the color values of the left and right eyes of the cat.

### Output specification

A single line containing the name of the cat followed by a space and the Heterochromatic Index of the given cat.

### Sample input

```
Anders 13 83
```

### Sample output

```
Anders 70
```

### Hint(s)

Source

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Added by

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## Caribbean Online Judge

Addition date	2013-05-14
Time limit (ms)	8000
<b>Test limit (ms)</b>	1000
Memory limit (kb)	256000
Output limit (mb)	64
Size limit (bytes)	15000
Enabled languages	Bash C C# C++ Java Pascal Perl PHP Python Ruby Text