All Contests > Fundamentals of Programming > Operators - Hop n Hop

Operators - Hop n Hop

Problem	Submissions	Leaderboard	Discussions

Peter Rabbit lives in a colony. He is the only rabbit in his colony who is not able to hop. On his 5th birthday, his father Rabbit gifted him a pogo stick as he could not jump like the other rabbits. He is so excited to play with the pogo stick. The pogo stick hops one unit per jump. He wanders around his house jumping with pogo sticks. He wants to show the pogo stick to his friend and decides to go using his pogo stick. Write a program to find the number of hops needed to reach his friends' house (x,y). Assume that Peter Rabbit's house is in the coordinates (3,4).

Input Format

Input consists of two integers x and y.

Constraints

NA

Output Format

The output is an integer. It corresponds to the number of hops needed to reach his friend's house.

Sample Input 0

```
5
10
```

Sample Output 0

```
6
```

f   ⅴ   in

Submissions: 814
Max Score: 60
Difficulty: Medium

Rate This Challenge:
☆ ☆ ☆ ☆ ☆

More

C   ∨   ⤢   ⚙

```c
1  #include<stdio.h>
2
3
4  int main()
5  {
```

```
 6      int x,y,a,b;
 7        scanf("%d",&x);
 8       scanf("%d",&y);
 9       a=(x-3);
10       b=(y-4);
11 ▾     if(a<0){
12           a=a*-1;
13       }
14 ▾     if(b<0){
15           b=b*-1;
16       }
17 ▾     if(a>b){
18           printf("%d",a);
19       }
20 ▾     else{
21           printf("%d",b);
22       }
23
24
25 }
```

Line: 1 Col: 1

⬆ Upload Code as File   ☐ Test against custom input   Run Code   Submit Code

Testcase 0 ✔

Congratulations, you passed the sample test case.

Click the **Submit Code** button to run your code against all the test cases.

Input (stdin)
```
5
10
```

Your Output (stdout)
```
6
```

Expected Output
```
6
```