

Operators - 3 Psychos

Problem

Submissions

Leaderboard

Discussions

Mani, Arun, and Kumar were very close friends at school. They were very good in Mathematics and were the pets of Ranjani Ma'am. Mani, Arun, and Kumar live in the same locality and their gang was known as 3 - Psychos. A new student Logan joins their class and he wanted to be friends with the 3 - Psychos. Logan asked Arun about his home address. Arun wanted to test Logan's mathematical skills and hence told that his house is at the midpoint of the line joining Mani's house and Kumar's house. Logan was puzzled. Can you help Logan out? Given the coordinates of the 2 endpoints of a line (x1,y1) and (x2,y2). Write a program to find the midpoint of the line.

Input Format

Input consists of 4 integers. The first and second value corresponds to x1 and y1 respectively. The third and fourth value correspond to x2 and y2 respectively.

Constraints

NA

Output Format

- Refer sample input and output for the exact formatting specifications.
- Print with 1 decimal place

Sample Input 0

```
2
4
10
15
```

Sample Output 0

```
Arun's house is located at(6.0,9.5)
```

Sample Input 1

```
9
6
5
3
```

Sample Output 1

```
Arun's house is located at(7.0,4.5)
```

Submissions: 774

Max Score: 60

Difficulty: Medium

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C



```
1 #include <stdio.h>
2 #include <string.h>
3 #include <math.h>
4 #include <stdlib.h>
5
6 int main() {
7     int x1,x2,y1,y2;
8     scanf("%d%d%d%d",&x1,&y1,&x2,&y2);
9     float mid1=((float)(x1+x2)/2);
10    float mid2=((float)(y1+y2)/2);
11    printf("Arun's house is located at(%.1f,%.1f)",mid1,mid2);
12    return 0;
13 }
14
```

Line: 1 Col: 1

 Upload Code as File ☐ Test against custom input

Run Code

Submit Code

Testcase 0

Testcase 1

Congratulations, you passed the sample test case.

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

Input (stdin)

```
2
4
10
15
```

Your Output (stdout)

```
Arun's house is located at(6.0,9.5)
```

Expected Output

```
Arun's house is located at(6.0,9.5)
```