

My Maya

Owl Code



Apt Logic

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J-Path

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Points: 40

Submissions: 7476



Description

Distance Between Two Points

Program Description

Calculate the distance between the two points (x_1, y_1) and (x_2, y_2).

Note: Adjust the result to 4 decimal places after point.

Input Format

Four different lines of input contains four integers x_1, y_1, x_2 and y_2 .

Output Format

Print the distance between two points.

Constraints

$1 \leq x_1, y_1, x_2, y_2 \leq 1000$

Input-1

25
15
35
10

Output-1

11.1803

Input-2

17
95
65
10

Output-2

97.6166

Light

C - GCC 11.1.0 ▾



Timer

0:08 sec



```
1 #include<stdio.h>
2 #include<math.h>
3 int main()
4 {
5     int x1,x2,y1,y2;
6     scanf("%d %d %d %d",&x1,&y1,&x2,&y2);
7     int X=pow(x2-x1,2),Y=pow(y2-y1,2);
8     float D=sqrt(X+Y);
9     printf("%.4f",D);
10    return 0;
11 }
```

 Run Code

Compiler Response

#	Testcase	Input	Expected Output	Your Output	Memory	CPU time	Result
1	25 15 35 10	25 15 35 10	11.1803	11.1803	1408 KB	3.640 ms	Pass
2	17 95 65 10	17 95 65 10	97.6166	97.6166	1408 KB	2.696 ms	Pass

All hidden testcases passed



Contact

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