

My Maya

Owl Code



Apt Logic

Logout



J-Path

Contact

Home / Owl ground / Distance Between Two Points

Points: 40

Submissions: 7476



Light



Description

Distance Between Two Points

Program Description

Calculate the distance between the two points **(x1, y1)** and **(x2, y2)**.

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

Input Format

Four different lines of input contains four integers x1, y1, x2 and y2.

Output Format

Print the distance between two points.

Constraints

$1 \leq x1, y1, x2, y2 \leq 1000$

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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