Euclidean distance.

HackerRank

Problem Statement

Write a program to calculate the Euclidean distance between two points in a 2D plane. The coordinates of two points (x1, y1) and (x2, y2) will be given as input.

Input Format

- Four integers separated by spaces

Output Format

- A single floating-point number (distance), up to 2 decimal places.

Sample Input 0

```
0 0 3 4
```

Sample Output 0

```
5.00
```

Explanation 0

Distance = $\sqrt{((3 - 0)^2 + (4 - 0)^2)} = \sqrt{(9 + 16)} = \sqrt{25} = 5.00$