Aim:

Write a Python program to find the distance between two points

Input format:

The input should be the two points (x1, y1) and (x2, y2), the format will be x1, y1, x2, y2 i.e 4 integers separated by spaces

Output format:

The output should be the float value of distance between two points

Note: Restrict the output to two decimal places. Use math module in python

Distance Between Two Points: $\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$.

Source Code:

distance.py

```
#Type Content here...
import math as a
x1,y1,x2,y2=map(float,input().split())
e=a.sqrt((x2-x1)**2+((y2-y1)**2))
#print(format(e,'.2f'))
print("%.2f"%e)
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
3 0 0 4
5.00

Test Case - 2
User Output
1 2.5 4 6
4.61