import math

x1, y1 = map(float, input("Enter coordinates of first point (x1, y1): ").split())

x2, y2 = map(float, input("Enter coordinates of second point (x2, y2): ").split())

distance = math.sqrt((x2 - x1) \*\* 2 + (y2 - y1) \*\* 2)

print(f"Distance between the points: {distance}")