import math

x1 = float(input("Enter x1: "))

y1 = float(input("Enter y1: "))

x2 = float(input("Enter x2: "))

y2 = float(input("Enter y2: "))

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

print("Distance:", distance)