x1=int(input("enter first x coordinate"))

y1=int(input("enter first y coordinate"))

x2=int(input("enter second x coordinate"))

y2=int(input("enter second y coordinate"))

c=(x2-x1)\*\*2

h=(y2-y1)\*\*2

g=(c+h)\*\*0.5

print("the distance is",g)