Дзюба Євген км-62 дз№5

1. 1спосіб from math import sqrt

def distance(x1, y1, x2, y2):

return sqrt((x1 - x2) \*\* 2 + (y1 - y2) \*\* 2)

x1 = float(input())

x2 = float(input())

y1 = float(input())

y2 = float(input())

print(distance(x1, x2, y1, y2))

2способ x1 = float(input())

y1 = float(input())

x2= float(input())

y2= float(input())

S = ((x2-x1)\*\*2+(y2-y1)\*\*2)\*\*(1/2)

print (S)

1. def power(a,n):

res=a\*\*n

return res

print(power(float(input()),float(input())))

1. def power(a, n):

if n == 0:

return 1

else:

return a \* power(a, n - 1)

print(power(float(input()), int(input())))

1. def fib(n):

if n == 1 or n == 2:

return 1

else:

return fib(n - 1) + fib(n - 2)

n = int(input())

print(fib(n))