

# DISTANCE-BETWEEN-TWO-POINTS

## › AIM:

To write a python program to find the distance two 2 points

## › ALGORITHM:

### › Step 1:

### › Step 2:

### › Step 3:

$$\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Substitute the values in the distance formula

### › Step 4:

### › Step 5:

## › PROGRAM:

```
import math
m=[10,6]
n=[4,2]
d=math.sqrt((m[0]-n[0])**2 + (m[1]-n[1])**2)
print("{:.2f}".format(d))
```

## › OUTPUT:

	Expected	Got	
✓	7.21	7.21	✓

Passed all tests! ✓

## › RESULT:

The distance between 2 points is found successfully.