DISTANCE-BETWEEN-TWO-POINTS

AIM:

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

ALGORITHM:

Step 1:

import the math library to solve using distance formula

Step 2:

enter the given matrices

Step 3:

Substitute the values in the distance formula formula

Step 4:

Print the output with two values after decimal

PROGRAM:

```
#Program to find the distance between two points.
#Developed by:GURUMOORTHI R
#RegisterNumber:22008475
import math
l2=[10,6]
l1=[4,2]
dist=math.sqrt (((l2[0]-l1[0])**2)+((l2[1]-l1[1])**2))
print("{:.2f}".format(dist))
```

OUTPUT:

	Expected	Got	
✓	7.21	7.21	✓

RESULT:

Thus the distance between two points is executed successfully