DISTANCE-BETWEEN-TWO-POINTS

'AIM:

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

'ALGORITHM:

Step 1:

get the two values from the user

Step 2:

Assign the value of second variable to a temporary variable

Step 3:

Substitute the values in the distance formula Formula

Step 4:

Assign the value in temporary variable to the first variable

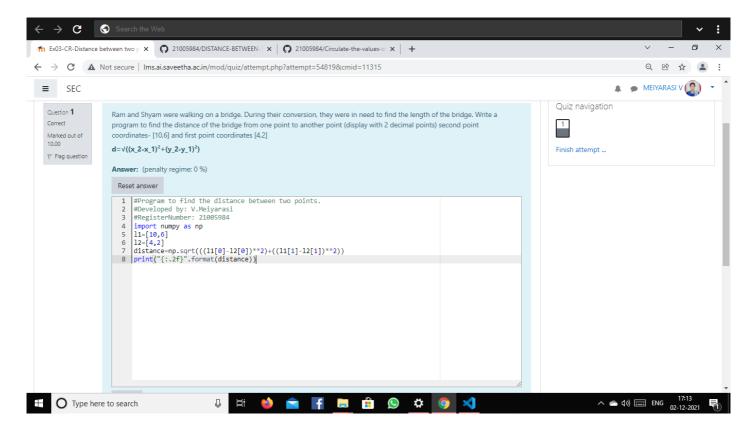
Step 5:

Print both values it would be interchanged ###step 6: End the program

PROGRAM:

```
#Program to find the distance between two points.
#Developed by: V.Meiyarasi
#RegisterNumber: 21005984
import numpy as np
l1=[10,6]
l2=[4,2]
distance=np.sqrt(((l1[0]-l2[0])**2)+((l1[1]-l2[1])**2))
print("{:.2f}".format(distance))
```

OUTPUT:



RESULT: