

```
#include<stdio.h>

#include<math.h>

void main()

{

float x1,y1,x2,y2,d;

printf("enter x and y coordinates of first print\n");

scanf("%f%f", &x1, &y1);

printf("enter x and y coordinates of second print\n");

scanf("%f%f", &x2, &y2);

d=sqrt(((x2-x1)*(x2-x1))+((y2-y1)*(y2-y1)));

printf("the distance between two points=%f",d);

}
```

```
PS C:\Users\sajid\OneDrive\Desktop\coding> cd "c:\Users\sajid\OneDrive\Desktop\coding\sajidsohil" ; if ($?) { gcc tempCodeRunnerFile.c -o tempCodeRunnerFile } ; if ($?) { .\tempCodeRunnerFile }
enter x and y coordinates of first print
4 7
enter x and y coordinates of second print
7 4
the distance between two points=4.242640
PS C:\Users\sajid\OneDrive\Desktop\coding\sajidsohil> █
```