









```
main.c X main.c X
1 #include <stdio.h>
2 #include <stdlib.h>
3
4 int main()
5 {
6     printf("Hello world!\n");
7
8     int x1, y1, x2, y2, x, y, distance;
9     printf("Enter coordinates of first point:");
10    scanf("%d %d", &x1, &y1);
11    printf("Enter coordinates of second point:");
12    scanf("%d %d", &x2, &y2);
13    x=(x2-x1);
14    y=(y2-y1);
15    distance=sqrt(x*x + y*y);
16    printf("Distance=%d", distance);
17    return 0;
18 }
19
```



