```c
#include <stdio.h>
#include <math.h>
#include <conio.h>
void main()
{
    float x1,x2,y1,y2,d;
    printf("Enter 1st point values");
    scanf("%f %f",&x1,&y1);
    printf("Enter 2nd point values");
    scanf("%f %f",&x2,&y2);
    d=sqrt((x2-x1)*(x2-x1))+((y2-y1)*(y2-y1));
    printf("The distance between 2 points is %f",d);
    getch();
    return 0;
}
```

Output
Enter 1st point values3
3
Enter 2nd point values4
5
The distance between 2 points is 5.000000