

SWAP 22

Problem

Submissions

Leaderboard

Discussions

Write a C program to swap the values of two variables.

Input Format

Input two numbers a and b.

Constraints

Use the concept of funtions in C to swap values.

Output Format

First line of output refers to values before swapping.

Second line of output refers to values after swapping.

Sample Input 0

```
11 20
```

Sample Output 0

```
a=11 b=20
a=20 b=11
```

Sample Input 1

```
5 33
```

Sample Output 1

```
a=5 b=33
a=33 b=5
```

[f](#) [t](#) [in](#)



Submissions: 35

Max Score: 10

Difficulty: Easy

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C



```
1 ▾ #include<stdio.h>
2
3
4 ▾ /*function declaration or prototype */
5
6 void swap(int,int);
7
8
9 ▾ /*function calling*/
10
11 int main()
12 ▾ {
13     int num1,num2;
14     scanf("%d%d",&num1,&num2);
```

```
15     printf("a=%d b=%d\n",num1,num2);
16     swap(num1,num2);
17
18     return 0;
19
20 }
21
22 /*function definition */
23
24 void swap(int a,int b)
25 {
26     int temp;
27     temp=a;
28     a=b;
29     b=temp;
30
31     printf("a=%d b=%d",a,b);
32
33
34 }
```

Line: 1 Col: 1

 [Upload Code as File](#) ☐ Test against custom input

Run Code

Submit Code

Testcase 0 

Testcase 1 

Congratulations, you passed the sample test case.

Click the **Submit Code** button to run your code against all the test cases.

Input (stdin)

11 20

Your Output (stdout)

a=11 b=20
a=20 b=11

Expected Output

a=11 b=20
a=20 b=11