Swap Two Numbers

Here, we will see how to swap two numbers using a C++ program. Below are the examples:

***Input:****a=2,b=3*  
***Output :****a = 3, b = 2*

***Input:****a=0,b=1*  
***Output :****a = 1, b = 0*

**Using 3rd Variable**

The idea is simple in this approach:

1. Assign a to a temp variable: temp = a
2. Assign b to a: a = b
3. Assign temp to b: b = temp

Below is the C++ program to implement the above approach:

C++

// C++ program to swap two

// numbers using 3rd variable

#include<bits/stdc++.h>

using namespace std;

// Driver code

int main()

{

int a = 2, b = 3;

cout << "Before swapping a = " <<

a << " , b = " << b << endl;

int temp;

temp = a;

a = b;

b = temp;

cout << "After swapping a = " << a <<

" , b = " << b << endl;

return 0;

}

**Output**

Before swapping a = 2 , b = 3

After swapping a = 3 , b = 2