

Practical No. 5

Aim: Write a C++ program to interchange (swap) two numbers using a function with call by value. → cout

Code:

```
#include <iostream.h>
#include <conio.h>
void swap(int a, int b)
{
    int temp;
    temp = a;
    A = b;
    B = temp;
    cout << "\nInside swap function (after swapping)\n";
    cout << "a = " << a << "\n";
    cout << "b = " << b << "\n";
}

void main()
{
    clrscr();
    int num1, num2;
    cout << "Enter first number:";
    cin >> num1;
    cout << "Enter second number:";
    cin >> num2;
    cout << "\n Before calling swap function:\n";
    cout << "num1 = " << num1 << "\n";
    cout << "num2 = " << num2 << "\n";
```

Imp {

```
Swap (num1, num2);  
cout << "\n After calling swap function: \n";  
cout << "num1 = " << num1 << "\n";  
cout << "num2 = " << num2 << "\n";  
Getch();  
}
```

