1. SWAPPING USING CALL BY VALUE

CODE:

#include<iostream>

using namespace std;

int main()

{

int a,b;

cout<<"Enter value of A :: ";

cin>>a;

cout<<"\nEnter value of B :: ";

cin>>b;

cout<<"\nBefore swapping, value of :: \n\tA = "<<a<<"\tB = "<<b<<"\n";

swap(a,b);

cout<<"\nOutside function after swapping, value of :: \n\tA = "<<a<<"\tB = "<<b<<"\n";

}

void swap(int a,int b)

{

int c;

c=a;

a=b;

b=c;

cout<<"\nInside function after swapping, value of :: \n\tA = "<<a<<"\tB = "<<b<<"\n";

}

OUTPUT:

Enter value of A :: 3

Enter value of B :: 4

Before swapping, value of ::

A = 3 B = 4

Outside function after swapping, value of ::

A = 4 B = 3

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Process exited after 7.214 seconds with return value 0

Press any key to continue . . .