*Date:05/02/2023*

***//call by value swapping program:***

#include <stdio.h>

void swap(int a,int b);

void main()

{

int a,b;

printf("enter two numbers:");

scanf("%d%d",&a,&b);

swap(a,b);

printf("main function a=%d,b=%d \n",a,b);

}

void swap(int a,int b)

{

int temp;

temp=a;

a=b;

b=temp;

printf("calling function a=%d,b=%d \n",a,b);

}

***OUTPUT:***

*enter two numbers:1*

*2*

*calling function a=2,b=1*

*main function a=1,b=2*

*...Program finished with exit code 0*

*Press ENTER to exit console.*