

EX 10

PROGRAM TO PERFORM SWAPPING USING FUNCTIONS

DATE:

AIM:

To perform swapping using functions

ALGORITHM:

- Step 1. Start the program
- Step 2. Declare and get the two integer variables a and b.
- Step 3. call the swap () function
In swap definition use the temporary variable and assign temp =a
b=temp
- Step 4. Print the a and b values
- Step 5. Stop the program

PROGRAM:

```
#include<stdio.h> void  
  
main()  
  
{  
  
void swap(int,int);  
inta,b,r; clrscr(); printf("enter  
value for a&b: ");  
scanf("%d%d",&a,&b);  
swap(a,b);  
getch();  
  
} void swap(inta,int b)
```

```
int temp;  
temp=a; a=b;  
    b=temp;  
    printf("after swapping the value for a & b is : %d %d",a,b);  
  
}
```

OUTPUT:

Enter the value of a & b : 34 78
after swapping the value for a & b is
78,34

RESULT:

Thus the C Program to swap two numbers using functions has been executed
and
verified