

Ex. No: 1

Date: 12.08.24

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Basic C Programming

1.a.

Aim:

Given two numbers, write a C program to swap the given numbers.

Algorithm:

1. declare n1, n2, temp as integer
2. read n1,n2
3. copy n1 into temp
4. update value of n2 to n1
5. update value of n1 to temp

Program:

```
#include <stdio.h>

int main()
{
    int n1,n2,temp;
    scanf("%d",&n1);
    scanf("%d",&n2);
    temp=n1;
    n1=n2;
    n2=temp;
    printf("%d %d",n1,n2);
}
```

Output:

| | Input | Expected | Got | |
|---|-------|----------|-------|---|
| ✓ | 10 20 | 20 10 | 20 10 | ✓ |

Passed all tests! ✓