

# C Programming Assignment 1

Joddha Dipen

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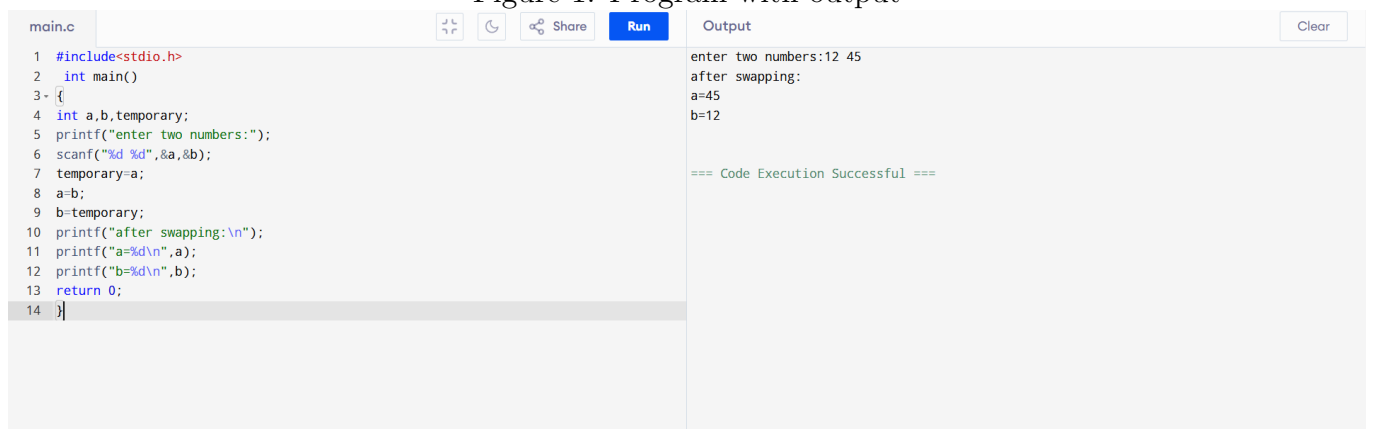
## Question 24 : Swap two values.

Write a program in C Swap two values.

Code:

```
1 #include<stdio.h>
2 int main()
3 {
4     int a,b,temporary;
5     printf("enter two numbers:");
6     scanf("%d %d",&a,&b);
7     temporary=a;
8     a=b;
9     b=temporary;
10    printf("after swapping:\n");
11    printf("a=%d\n",a);
12    printf("b=%d\n",b);
13    return 0;
14 }
```

Figure 1: Program with output



The screenshot shows a code editor with a file named 'main.c'. The code is a C program to swap two numbers. The output window on the right shows the program's execution: it prompts for two numbers (12 and 45), displays the values after swapping (a=45, b=12), and confirms successful execution with '=== Code Execution Successful ==='. The interface includes standard icons for file operations, a 'Run' button, and a 'Clear' button for the output.

```
main.c  [Icons] [Run] [Share] [Clear]

1 #include<stdio.h>
2 int main()
3 {
4     int a,b,temporary;
5     printf("enter two numbers:");
6     scanf("%d %d",&a,&b);
7     temporary=a;
8     a=b;
9     b=temporary;
10    printf("after swapping:\n");
11    printf("a=%d\n",a);
12    printf("b=%d\n",b);
13    return 0;
14 }
```

Output

```
enter two numbers:12 45
after swapping:
a=45
b=12

=== Code Execution Successful ===
```