

Computer programing

anish patel

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1 swapping numbers

```
#include <stdio.h>

int main(void) int a, b, swap;

printf("Enter the first value (a): ");

scanf("%d", &a);

printf("Enter the second value (b): ");

scanf("%d", &b);

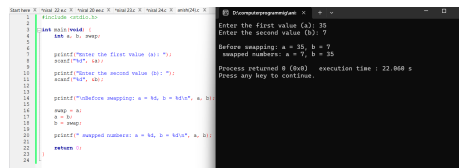
printf("\nBefore swapping: a = %d, b = %d\n", a, b);

swap = a; a = b; b = swap;

printf(" swapped numbers: a = %d, b = %d\n", a, b);

return 0;
```

2 output



```
1 #include <stdio.h>
2
3 int main(void)
4 {
5     int a, b, swap;
6
7     printf("Enter the first value (a): ");
8     scanf("%d", &a);
9     printf("Enter the second value (b): ");
10    scanf("%d", &b);
11
12    printf("\nBefore swapping: a = %d, b = %d\n", a, b);
13
14    swap = a;
15    a = b;
16    b = swap;
17
18    printf(" swapped numbers: a = %d, b = %d\n", a, b);
19
20    return 0;
21 }
22
23
24
```

Enter the first value (a): 35
Enter the second value (b): 7
Before swapping: a = 35, b = 7
swapped numbers: a = 7, b = 35
Process returned 0 (0x0) execution time : 22.968 s
Press any key to continue.

Figure 1: