

C Programming Assignment 1

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1 Swap two values.

```
#include <stdio.h>

int main() {
    int a, b, temp;

    printf("Enter first number (a): ");
    scanf("%d", &a);

    printf("Enter second number (b): ");
    scanf("%d", &b);

    temp = a;
    a = b;
    b = temp;

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

    return 0;
}
```

```
1 #include <stdio.h>
2 int main() {
3     int a, b, temp;
4     printf("Enter first number (a): ");
5     scanf("%d", &a);
6     printf("Enter second number (b): ");
7     scanf("%d", &b);
8     temp = a;
9     a = b;
10    b = temp;
11    printf("After swapping:\n");
12    printf("a = %d\n", a);
13    printf("b = %d\n", b);
14    return 0;
15 }
```

Enter first number (a): 69
Enter second number (b): 96
After swapping:
a = 96
b = 69

=== Code Execution Successful ===

Figure 1: solution24