

```
1  #include <stdio.h>
2
3  void swap(int *a, int *b) {
4      int z = *a;
5      *a = *b;
6      *b = z;
7  }
8
9  int main() {
10     int num1, num2;
11
12     printf("Enter num1: ");
13     scanf("%d", &num1);
14     printf("Enter num2: ");
15     scanf("%d", &num2);
16
17
18     printf("Before swapping: num1 = %d, num2 = %d\n", num1, num2);
19
20     swap(&num1, &num2); // Call the swap function with the addresses of num1 and num2
21
22     printf("After swapping: num1 = %d, num2 = %d\n", num1, num2);
23
24     return 0;
25 }
```