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1  #include <stdio.h>
2  void swap(int *a, int *b) {
3      int temp = *a;
4      *a = *b;
5      *b = temp;
6  }
7  int main() {
8      int num1, num2;
9      printf("Enter first number: ");
10     scanf("%d", &num1);
11     printf("Enter second number: ");
12     scanf("%d", &num2);
13     printf("Before swapping: num1 = %d, num2 = %d\n", num1, num2)
14     swap(&num1, &num2);
15     printf("After swapping: num1 = %d, num2 = %d\n", num1, num2);
16     return 0;
17 }
```