

```
1  #include <stdio.h>
2
3  int main() {
4      int a, b, temp;
5
6      printf("Enter two numbers: ");
7      scanf("%d%d", &a, &b);
8
9      printf("
Before swapping: a = %d, b = %d\n"
, a, b);
10
11     // Swap using a third variable
12     temp = a;
13     a = b;
14     b = temp;
15
16     printf("
After swapping: a = %d, b = %d\n", a, b);
17
18     return 0;
19 }
```