

```
1  #include <stdio.h>
2
3  void swap(int*, int*);
4
5  int main()
6  {
7      int x, y;
8
9      printf("Enter the value of x and y\n"
10 );
11      scanf("%d%d", &x, &y);
12
13      printf("Before Swapping\nx = %d\n
14 y = %d\n", x, y);
15
16      swap(&x, &y);
17
18      printf("After Swapping\nx = %d\ny = %d
19 \n", x, y);
20
21      return 0;
22 }
23
24 void swap(int *a, int *b)
25 {
26     int temp;
27
28     temp = *b;
29     *b = *a;
30     *a = temp;
31 }
```