

```

1  #include <stdio.h>
2  int main() {
3      int n, i, j, temp, a[1000];
4      printf("Enter the number of elements: ");
5      scanf("%d", &n);
6      printf("Enter the elements: ");
7      for (i = 0; i < n; i++) {
8          scanf("%d", &a[i]);
9      }
10     for (i = 0; i < n-1; i++) {
11         for (j = 0; j < n-i-1; j++) {
12             if (a[j] > a[j+1]) {
13                 temp = a[j];
14                 a[j] = a[j+1];
15                 a[j+1] = temp;
16             }
17         }
18     }
19
20     printf("Sorted array: ");
21     for (i = 0; i < n; i++) {
22         printf("%d ", a[i]);
23     }
24
25     return 0;
26 }
27

```