

```
1 #include <stdio.h>
2 int main() {
3     int arr[100], n, i, j, temp;
4     scanf("%d", &n);
5     for (i = 0; i < n; i++)
6         scanf("%d", &arr[i]);
7     for (i = 0; i < n - 1; i++) {
8         for (j = 0; j < n - 1 - i; j++) {
9             if (arr[j] < arr[j + 1]) {
10                 temp = arr[j];
11                 arr[j] = arr[j + 1];
12                 arr[j + 1] = temp;
13             }
14         }
15     }
16     printf("Sorted array (Descending): ");
17     for (i = 0; i < n; i++)
18         printf("%d ", arr[i]);
19     return 0;
20 }
```

5

4 7 9 1 2

Sorted array (Descending): 9 7 4 2 1