```c
19          // If no elements were swapped, the array is sorted
20          if (!swapped)
21              break;
22      }
23  }
24
25  void printArray(int arr[], int n) {
26      for (int i = 0; i < n; i++)
27          printf("%d ", arr[i]);
28      printf("\n");
29  }
30
31  int main() {
32      int arr[SIZE] = {64, 34, 25, 12, 22, 11, 90}; // Example array
33      int n = sizeof(arr) / sizeof(arr[0]);
34
35      printf("Original array:\n");
36      printArray(arr, n);
37
38      bubbleSort(arr, n);
39
40      printf("Sorted array:\n");
41      printArray(arr, n);
42
43      return 0;
44  }
```

input

```
Original array:
64 34 25 12 22 11 90 0 0 0
Sorted array:
0 0 0 11 12 22 25 34 64 90

...Program finished with exit code 0
Press ENTER to exit console.
```