

C:\Users\DELL\Documents\bubble sort.cpp - Embarcadero Dev-C++ 6.3

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TDM-GCC 9.2.0 64-bit Release

(globals)

Project C < > bubble sort.cpp

```
1 #include <stdio.h>
2
3 void bubble_sort(int arr[], int n) {
4     int i, j;
5     for (i = 0; i < n - 1; i++) {
6         for (j = 0; j < n - i - 1; j++) {
7             if (arr[j] > arr[j + 1]) {
8                 int temp = arr[j];
9                 arr[j] = arr[j + 1];
10                arr[j + 1] = temp;
11            }
12        }
13    }
14 }
15 int main() {
16     int arr[] = {64, 34, 25, 12, 22, 11, 90};
17     int n = sizeof(arr) / sizeof(arr[0]);
18     bubble_sort(arr, n);
19     printf("Sorted array: ");
20     for (int i = 0; i < n; i++) {
21         printf("%d ", arr[i]);
22     }
23     return 0;
24 }
```

C:\Users\DELL\Documents\bubble sort.cpp - [Executing] - Embarcadero Dev-C++ 6.3

File C:\Users\DELL\Documents\bubble sort.exe

Sorted array: 11 12 22 25 34 64 90

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Process exited after 0.01157 seconds with return value 0

Project Press any key to continue . . .