

main.cpp



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Output

```
10     if (arr[j] < arr[minIndex]) {
11         minIndex = j;
12     }
13 }
14
15 // Swap the found minimum with the first element
16 if (minIndex != i) {
17     swap(arr[i], arr[minIndex]);
18 }
19 }
20 }
21
22 int main() {
23     int arr[] = {64, 25, 12, 22, 11};
24     int n = sizeof(arr) / sizeof(arr[0]);
25
26     selectionSort(arr, n);
27
28     cout << "Sorted array: ";
29     for (int i = 0; i < n; i++) {
30         cout << arr[i] << " ";
31     }
32
33     return 0;
34 }
35
```

Sorted array: 11 12 22 25 64

=== Code Execution Successful ===