

Leaders Array in C++

```
#include <iostream>
using namespace std;

void leaders(int arr[], int n) {
    int curr = arr[n - 1];
    cout << curr << " ";

    for (int i = n - 2; i >= 0; i--) {
        if (arr[i] > curr) {
            curr = arr[i];
            cout << curr << " ";
        }
    }
}

int main() {
    int arr[] = {7, 10, 4, 10, 6, 5, 2};
    int n = sizeof(arr) / sizeof(arr[0]);

    leaders(arr, n);
    cout << endl;

    return 0;
}
```

Dry Run Table

Input array: {7, 10, 4, 10, 6, 5, 2}

We process from **right to left**:

Index	arr[i]	Current Leader (curr)	Is arr[i] > curr?	Print Leader?	Updated curr
6	2	2	-	✓	2
5	5	2	✓	✓	5
4	6	5	✓	✓	6
3	10	6	✓	✓	10
2	4	10	✗	✗	10
1	10	10	✗	✗	10
0	7	10	✗	✗	10

✓ **Output (Printed from right to left):**

2 5 6 10

2 5 6 10