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// ArraySorter.h header file
#pragma once
class ArraySorter
{
public:
    void operator() (int* arr, int size);
};

// ArraySorter.cpp: Class function Implementation file
#include "ArraySorter.h"
#include <iostream>
#include <algorithm>

// Comparator function; For std::sort.
bool compare_des(int a, int b) {
    return a > b;
}

// Class function implementation
void ArraySorter::operator() (int* arr, int size) {
    std::sort(arr, arr + size, compare_des);
}

// Source.cpp: main test file
#include "ArraySorter.h"
#include <iostream>

using namespace std;

int main() {
    // Array and array size
    int arr[] = { 3,1,4,2,5 };
    int size = sizeof(arr) / sizeof(arr[0]);

    // Declare and initize class object
    ArraySorter sorter;
    // Test overloaded ()
    sorter(arr, size);

    // Print out sorted array
    for (int i : arr) {
        cout << i << " ";
    }
    cout << endl;

    return 0;
}

```