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/*
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Course: CSCI-135
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Assignment: HW6.6

Given an array, swap the order of elements
*/

#include <iostream>

using namespace std;

void swap(int& a, int& b) {
    int temp = a;
    a = b;
    b = temp;
}

void reverse(int input[], int size) {
    for (int i = 0; i < size / 2; i++) {
        swap(input[i], input[size - 1 - i]);
    }
}

void print_arr(int input[], int size) {
    for (int i = 0; i < size; i++) {
        cout << input[i] << endl;
    }
}

int main() {
    int tester[10] = {1, 2, 3, 4, 5, 6, 7, 8, 9, 10};
    int tester2[11] = {1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11};
    print_arr(tester, 10);
    reverse(tester, 10);
    print_arr(tester, 10);
    print_arr(tester2, 11);
    reverse(tester2, 11);
    print_arr(tester2, 11);
}

```