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Assignment: E6.7, e.g., Lab1C

E6.7 reverse an array

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#include <iostream>

#include <array>

#include <cmath>

using namespace std;

void printArray(int arr[], int size);

void revArray(int arr[], int start, int end);

int main()

{

int SIZE = 9;

int start = 0;

int end = 9;

int numArr[SIZE] = {1, 4, 9, 16, 9, 7, 4, 9, 11};

revArray(numArr, start, end);

printArray(numArr, SIZE);

}

void revArray(int arr[], int start, int end)

{

while(start < end)

{

int temp = arr[start]; //holds value to switch

arr[start] = arr[end-1];

arr[end-1] = temp;

start++;

end--;

}

}

void printArray(int arr[], int size) //prints array

{

for (int i = 0; i < size; i++)

cout << arr[i] << " ";

cout << endl;

}