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Assignment no 2

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Submitted to

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Subject . Lab Data structure

Topic .. big notation

Answer the question.

#include <iostream>

using namespace std;

int findMax(int arr[], int n) {

int max = arr[0];

for (int i = 1; i < n; i++) {

if (arr[i] > max) {

max = arr[i];

}

}

return max;

}

int main() {

int arr[] = {12, 3, 5, 7, 19, 1};

int n = sizeof(arr) / sizeof(arr[0]);

int maxValue = findMax(arr, n);

cout << "The maximum value in the array is: " << maxValue << endl;

return 0;

}