D - Max element in the array

Find maximum element from the given array of integers.

**Input Format**

First line of input contains N - the size of the array and second line contains the elements of the array.

**Constraints**

1 <= N <= 100  
-109 <= ar[i] <= 109

**Output Format**

Print the maximum element of the given array.

**Sample Input 0**

5

-2 -19 8 15 4

**Sample Output 0**

15

**Explanation 0**

Self Explanatory

#include <iostream>

#include <vector>

using namespace *std*;

int main(void)

{

auto size = 0;

*cin* >> size;

*vector*<long int> myArr;

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

{

long int input;

*cin* >> input;

myArr.*push\_back*(input);

}

long int maxEle = myArr[0];

for (auto i = 1; i < size; i++)

{

if (maxEle < myArr[i])

maxEle = myArr[i];

}

*cout* << maxEle;

return 0;

}