**ARRAYS-MAX VALUE IN ARRAY**

Take as input N, the size of array. Take N more inputs and store that in an array. Write a function which returns the maximum value in the array. Print the value returned.

1.It reads a number N.

2.Take Another N numbers as input and store them in an Array.

3.calculate the max value in the array and return that value.

**Input Format:**

First line contains integer n as size of array. Next n lines contains a single integer as element of array.

**Constraints:**

N cannot be Negative. Range of Numbers can be between -1000000000 to 1000000000

**Output Format**

Print the required output.

**Sample Input**

4

2

8

6

4

**Sample Output**

8

Program-

#include<iostream>

using namespace std;

int main() {

int n;

cin>>n;

int a[1000];

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

{

cin>>a[i];

}

int k=a[0];

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

{

if(a[i]>=k)

{

k=a[i];

}

}

cout<<k;

}