#include <iostream>

#include <ctime>

using namespace std;

class A {

public:

int getMax(int n, int array[])

{

int max = array[0];

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

if (max<array[i])

max = array[i];

return max;

}

};

int main()

{

srand(time(NULL));

int n;

cin >> n;

int array[n];

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

array[i]= rand() % 100 + 1;

cout << array[i] << "\t"; }

cout << endl;

A MAX;

cout << MAX.getMax(n, array);

return 0;

}