**Find the Highest number**

Submissions: [9803](https://practice.geeksforgeeks.org/problem_submissions.php?pid=2408)  Accuracy:

48.37%

   Difficulty: [Basic](https://practice.geeksforgeeks.org/Basic/0/0/)   Marks: 1

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Given an array in such a way that the elements stored in array are in increasing order initially and then after reaching to a peak element , elements stored are in decreasing order. Find the highest element.

**Input:**  
The first line of input contains an integer **T**denoting the number of test cases. The first line of each test case consists of an integer **n**. The next line consists of **n** spaced integers.

**Output:**  
Print the highest number in the array.

**Constraints:**   
1<=T<=100  
1<=n<=200  
1<=a[i]<=105

**Example:  
Input:**  
2  
11  
1 2 3 4 5 6 5 4 3 2 1  
5  
1 2 3 4 5

**Output:**  
6  
5

\*\* For More Input/Output Examples Use ['Expected Output'](https://practice.geeksforgeeks.org/problems/find-the-highest-number/0/?ref=self#ExpectOP) option \*\*

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<https://practice.geeksforgeeks.org/problems/find-the-highest-number/0/?ref=self>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

using System.IO;

namespace ConsoleApp1

{

class Program

{

static void Main(string[] args)

{

int t = int.Parse(Console.ReadLine());

while (t-- > 0)

{

int n = int.Parse(Console.ReadLine());

int[] arr = Array.ConvertAll(Console.ReadLine().Trim().Split(' '), e => int.Parse(e));

bool flag = false;

if(arr.Length == 1)

{

Console.WriteLine(arr[0]);

continue;

}

if(arr[0] > arr[1])

{

Console.WriteLine(arr[0]);

continue;

}

for(int i =1; i+1<arr.Length; i++)

{

if(arr[i] > arr[i-1] && arr[i] > arr[i + 1])

{

flag = true;

Console.WriteLine(arr[i]);

break;

}

}

if(!flag)

{

Console.WriteLine(arr[arr.Length - 1]);

}

}

Console.ReadLine();

}

}

}