**Maximum and Minimum Of Array Elements**

[array](http://www.practice.geeksforgeeks.org/tag-page.php?tag=array&isCmp=0)

Given an array, find maximum and minimum elements from the array.

Input:

The first line of input contains an integer T denoting the number of test cases. The description of T test cases follows. The first line of each test case contains a single integer N denoting the size of array. The second line contains N space-separated integers A1, A2, ..., AN denoting the elements of the array.

Output:

Print the maximum and minimum element in a single line with space in between.

Constraints:

1 ≤ T ≤ 30

1 ≤ N ≤ 100

1 ≤A[i]<100

Example:

Input:  
2  
4  
5 4 2 1  
1  
8

Output:  
5 1  
8 8

\*\*For More Examples Use Expected Output\*\*

<http://www.practice.geeksforgeeks.org/problem-page.php?level=-1&pid=85>

#include <iostream>

#include <stdio.h>

#include <map>

#include <string>

#define ll long long int

#include <conio.h>

using namespace std;

int main() {

int t;

scanf("%d", &t);

while(t--) {

int n;

scanf("%d", &n);

int arr[n];

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

scanf("%d", &arr[i]);

}

int max = 0, min = 101;

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

max = std::max(max, arr[i]);

min = std::min(min, arr[i]);

}

printf("%d %d\n",max,min);

}

getch();

return 0;

}