**Sagar's Gift**

Attempted by: **349**

/

Accuracy: **83%**

/

Maximum Score: **20**

/

4 Votes

Tag(s):

Easy

**PROBLEM**

**EDITORIAL**

**MY SUBMISSIONS**

**ANALYTICS**

Today is Sagar's birthday. He got array of numbers as a gift by his father. His father told him that he has another gift if Sagar is able make largest number by concatenating the numbers and swapping the digits of numbers. Help Sagar to make largest number from the given numbers.

**Input:**

First line contains number of testcases T Next line contain value of number of values in array N Followed by N space separated number

**Output:**

Output the answer.

**Constraint :**

1<= T <=10

1<= N <=100

1<= a[i] <= 10000

**SAMPLE INPUT**

2

5

1 2 20 31 5

4

9 1 5 10

**SAMPLE OUTPUT**

5322110

95110

**Time Limit:**1.0 sec(s) for each input file.

**Memory Limit:**256 MB

**Source Limit:**1024 KB

**Marking Scheme:**Marks are awarded when all the testcases pass.

**Allowed Languages:**C, C++, Clojure, C#, D, Erlang, F#, Go, Groovy, Haskell, Java, Java 8, JavaScript(Rhino), JavaScript(Node.js), Lisp, Lisp (SBCL), Lua, Objective-C, OCaml, Octave, Pascal, Perl, PHP, Python, Python 3, R(RScript), Racket, Ruby, Rust, Scala, Scala 2.11.8, Swift, Visual Basic

<https://www.hackerearth.com/practice/basic-programming/implementation/basics-of-implementation/practice-problems/algorithm/sagars-gift-6/>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static void Main(string[] args)

{

//string[] nums = "1 2 20 31 5".Split(' ');

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

while (t-- > 0)

{

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

char[] nums = String.Join("", Console.ReadLine().Split(' ')).ToCharArray();

Array.Sort(nums);

Array.Reverse(nums);

Console.WriteLine(nums);

}

Console.ReadLine();

}

}

}