**Monk and Lucky Minimum**

Attempted by: **2234**

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Accuracy: **72%**

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Maximum Score: **20**

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20 Votes

Tag(s):

Data Structures, Easy, approved

**PROBLEM**

**EDITORIAL**

**MY SUBMISSIONS**

**ANALYTICS**

Monk just purchased an array AA having NN integers. Monk is very superstitious. He calls the array AA Lucky if the frequency of the minimum element is odd, otherwise he considers it Unlucky. Help Monk in finding out if the array is Lucky or not.

**Input:**  
First line consists of a single integer TT denoting the number of test cases.  
First line of each test case consists of a single integer NN denoting the size of array AA.  
Second line of each test case consists of NN space separated integers denoting the array AA.

**Output:**  
For each test case, print "Lucky" (without quotes) if frequency of minimum element is odd, otherwise print "Unlucky"(without quotes). Print a new line after each test case.

**Constraints:**   
1≤T≤101≤T≤10  
1≤N≤1051≤N≤105  
1≤A[i]≤1091≤A[i]≤109

**SAMPLE INPUT**

2

5

8 8 9 5 9

5

3 3 3 5 3

**SAMPLE OUTPUT**

Lucky

Unlucky

**Explanation**

In first case, value of minimum element is 55 and it's frequency is 11 which is odd, so the array is Lucky.  
In second case, value of minimum element is 33 and it's frequency is 44 which is even, so the array is Unlucky.

**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/data-structures/arrays/1-d/practice-problems/algorithm/monk-and-lucky-minimum-3/>

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace ConsoleApplication1

{

class Program

{

static void Main(string[] args)

{

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

while (t-- > 0)

{

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

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

int min = int.MaxValue;

int cont\_min = 0;

for (int i = 0; i < a.Length; i++)

{

if (a[i] < min)

{

min = a[i];

cont\_min = 1;

}

else if (a[i] == min)

{

cont\_min++;

}

}

//Console.WriteLine(cont\_min);

if (cont\_min % 2 != 0)

{

Console.WriteLine("Lucky");

}

else

{

Console.WriteLine("Unlucky");

}

}

Console.ReadLine();

}

}

}