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## Distinct Count

Attempted by: **2165** / Accuracy: **80%** / Maximum Score: **20** / ★★☆☆☆ 56 Votes

Tag(s): Algorithms, Easy, Set, Sorting

**PROBLEM**

EDITORIAL

MY SUBMISSIONS

Given an array  $A$  of  $N$  integers, classify it as being Good Bad or Average. It is called Good, if it contains exactly  $X$  distinct integers, Bad if it contains less than  $X$  distinct integers and Average if it contains more than  $X$  distinct integers.

**Input format:**First line consists of a single integer  $T$  denoting the number of test cases.First line of each test case consists of two space separated integers denoting  $N$  and  $X$ .Second line of each test case consists of  $N$  space separated integers denoting the array elements.**Output format:**

Print the required answer for each test case on a new line.

**Constraints:**

$$1 \leq T \leq 50$$

$$1 \leq X, N \leq 13000$$

$$1 \leq A[i] \leq 10^9$$

**SAMPLE INPUT**

```
4
4 1
1 4 2 5
4 2
4 2 1 5
4 3
5 2 4 1
4 4
1 2 4 5
```

**SAMPLE OUTPUT**

```
Average
Average
Average
Good
```

**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

## CODE EDITOR

Enter your code or [Upload your code as file.](#) Salvar C (gcc 4.8.2) ⚙

```
1 #include <stdio.h>
2
3 int main()
4 {
5     printf("Hello World!\n");
6     return 0;
7 }
8
```

LIVE EVENTS

1:1

☒ Provide custom input

COMPILE &amp; TEST

SUBMIT

Press Ctrl-space for autocomplete suggestions.

POWERED BY code table

Your Rating: ★★★★★

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## COMMENTS (55)



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## PROGRAMMERS WHO SOLVED THIS PROBLEM ALSO SOLVED

## Monk Watching Fight

Attempted By: 847 / Accuracy: 91

★★★★☆ 4 Votes

## Monk And His Friends

Attempted By: 3662 / Accuracy: 74

★★★★☆ 121 Votes

## Monk And Cursed Tree

Attempted By: 502 / Accuracy: 90

★★★★★ 2 Votes

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