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10



Distinct Count

Attempted by: **2155** / 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