## Problem 2 – Odd or Even Counter

Petko is bad with numbers. He’s given a task to find and count some, but he has a hard time doing it. He is given **N** sets of numbers, and he has to count the odd numbers in each set, and then compare them. The number **C** shows **how many numbers** are there **in a set**. Then you are given a string **S** holding one of the words "**odd**" or **"even"** showing you what numbers should be counted**.** Then you are given **N \* C** numbers representing all sets.

Your task is to **count** the **odd** or **even** numbers in each set, and then say in which set has most **S** numbers.  
The set with most **S** numbers should be represented as **ordinal** number word e.g. **"First", "Second", "Third", "Fourth", "Fifth", "Sixth", "Seventh", "Eighth", "****Ninth", "Tenth".** If the count of one or more sets is equal, print the **first one** with biggest count. If there is no set holding odd or even numbers print **"No"**.

### Input

The input data should be read from the console. It consists of three input values, each at separate line:

* The first line holds an integer **N** – the count of sets
* The second line hold an integer **C** – the count of numbers in each set
* The third line holds a string **S** holding either **"odd"** or **"even"** showing what numbers to count

The input data will always be valid and in the format described. There is no need to check it explicitly.

### Output

The output data should be printed on the console. It consists of exactly **1 line.**

* Print on the console the following formatted string **"{0} set has the most {1} numbers: {2}"**, where **{0}** is the set as **ordinal** string **{1}** is the value of **S** and **{2}** is the biggest count of **S** numbers. If there is no set holding odd or even numbers print **"No"**.

### Constraints

* **N** will be an integer number in the range [1...10]
* **C** will be an integer number in the range [1...50]
* Each of the numbers in the set will be an integer in the range[-2 147 483 647… 2 147 483 647]
* Allowed working time for your program: 0.25 seconds. Allowed memory: 16 MB.

### Examples

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Input** | **Output** |  | **Input** | **Output** |  | **Input** | **Output** |
| 2  5  odd  6  4  12  8  199  15  21  7  3  5 | Second set has the most odd numbers: 5 | 3  2  even  1  3  5  7  9  11 | No | 3  2  odd  1  3  5  9  151  193 | First set has the most odd numbers: 2 |