# Problem I – Illegible Poker Scores
## Time limit: 1 second

Everyone likes playing poker. However, good poker chips are too heavy to transport them via plane, so when travelling we instead write down the current number of chips for each player. Unfortunately, things get complicated if players fold at different times. So, from time to time, the calculations are incorrect.

To check these calculations, we decided to make some kind of check sum after each round. As in poker all chips are in the game at every time and no new chips can come into the closed system, the sum of all poker scores has to be the same as before.

However, both computer science and math students are not famous for their beautiful handwriting. So you may not be able to read each single digit. But perhaps you can at least decide if it is possible that the poker scores are still correct?

## Input

The input consists of:

- One line with two integers $n$ and $m$ ($0 < n \le 1\,000$, $0 < m \le 1\,000$), where $n$ is the number of players and $m$ is the number of poker chips per player at the start of the game.
- One line with $n$ "numbers" $s_1, \ldots, s_n$, where $s_i$ is the poker score for the $i$-th player. A "number" may be $0$, but not negative. If a digit is illegible, I use ? instead of the actual digit. Each "number" consists of at most $6$ digits. Even the first ? may represent all digits from $0$ to $9$ as it could represent a crossed out number.

## Output

Output 'possible' if it is possible that the given numbers are a valid poker score, otherwise output 'impossible'.

| Sample Input 1 | Sample Output 1 |
|---|---|
| 4 1000<br>1000 1000 1000 ???? | possible |

| Sample Input 2 | Sample Output 2 |
|---|---|
| 4 1000<br>500 1500 0 2000 | possible |

| Sample Input 3 | Sample Output 3 |
|---|---|
| 4 1000<br>8?? 1400 1?00 8?5 | impossible |

| Sample Input 4 | Sample Output 4 |
|---|---|
| 4 1000<br>7?? 1400 1?00 8?5 | possible |

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