DMOPC '20 Contest 1 P1 - Victor Gets Quizzed

Time limit: 1.0s   **Memory limit:** 256M

> I actually [expletive] failed a quiz I knew all the answers to ~ Victor, 2019

Victor is being quizzed on an array of different subjects! However, Victor has a fatal flaw: he does poorly on quizzes on the subjects he knows well. Given that Victor excels at math and computer science, help him determine if he will fail these quizzes!

Input Specification

The first line will contain N ($N \leq 10$), the number of quizzes that Victor must write. The subjects present on the ith quiz are given as a string of distinct uppercase English letters S_i, with $|S_i| \leq 5$. The ith quiz will have math on it if the character $\boxed{M}$ is in S_i and it will have computer science on it if the character $\boxed{C}$ is in S_i.

Output Specification

For each quiz, you must output one of three possible outcomes on a new line:

- $\boxed{\text{PASS}}$ if the quiz contains neither math nor computer science.
- $\boxed{\text{FAIL}}$ if the quiz contains **one** of math or computer science.
- $\boxed{\text{NEGATIVE MARKS}}$ if the quiz contains **both** math and computer science.

Sample Input

```
4
MXACY
CZBNP
PQRST
PQRMS
```

Sample Output

```
NEGATIVE MARKS
FAIL
PASS
FAIL
```

Explanation of Sample Output

The first quiz contains both `M` and `C`, so the answer is `NEGATIVE MARKS`. Quiz 2 contains `C` but not `M`, and quiz 4 contains `M` but not `C` so the answer to both is `FAIL`. Quiz 3 contains neither `M` nor `C` so the answer is `PASS`.