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malindupasan ▾

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Find the Password of the front door

Problem

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You have been selected to participate in all-island selection round after being shortlisted from a 12 hour competition. But unfortunately the train you supposed to come is late and all the other participants have gone inside and the UCSC front door is locked. But luckily your friend Ashan has sent you a hint to find the password. According to Ashan the password is the string which you get by reversing the occurrences of the characters of "ACM-NOI" in the string Ashan sends you. **Letters may appear in lowercase or uppercase**

Input Format

Single line String

Constraints

$1 \leq \text{len}(\text{String}) \leq 3 * 10^5$ string consists of printable ASCII characters

Output Format

Single line string

Sample Input 0

```
myPassword
```

Sample Output 0

```
oyPAsswMrD
```

Explanation 0

Letters **m, A, o** are **reversed** and placed in the string

[f](#) [t](#) [in](#)

Submissions: 0

Max Score: 100

Difficulty: Easy

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C++14



```
1 #include <cmath>
```