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Perfect Sub-strings

locked

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Problem

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A perfect sub-string is a substring of any arbitrary string S which starts with a vowel. Given a string S , find the maximum number of possible perfect sub-strings of S .

Input Format

- The first line contains T , the number of test cases
- Next T lines containing the string S

Constraints

 $T \leq 1000$ $\text{len}(S) \leq 100000$

Output Format

A single line containing the number of perfect sub-strings.

Sample Input 0

```
1
ABEC
```

Sample Output 0

```
6
```

Explanation 0

There are 6 perfect sub-strings for 'ABEC'

1. A
2. AB
3. ABE
4. ABEC
5. E
6. EC



Max Score: 8



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C++14  

```
1 #include <cmath>
2 #include <cstdio>
3 #include <vector>
4 #include <iostream>
5 #include <algorithm>
6 using namespace std;
7
8
9 int main() {
10     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
11     return 0;
12 }
```

Line: 1 Col: 1

[Upload Code as File](#) ☐ Test against custom input

Run Code

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