

6404 Secure PINs

Most people are aware of the importance of selecting a good password for their computer and e-mail accounts. However, they pay little attention when they choose their credit card and bank card PINs, even though they can probably unlock a lot of wealth.

Your task is to write a program to assess the security level of a collection of PINs. A PIN that contains the same digit three times or a sequence of three consecutive digits (such as 345 and 654) is to be assessed as weak. Otherwise, it is considered acceptable. Note that sequences that wrap around, like “391312” and “098165”, are not considered consecutive.

Input

The input starts with an integer N , on a line by itself, that represents the number of test cases. $1 \leq N \leq 1000$. The description for each test case consists of a six-digit non-negative number on a line by itself.

Output

The output consists of a single line, for each test case, which contains your program’s assessment of the PIN as ‘WEAK’ or ‘ACCEPTABLE’.

Sample Input

```
9
024578
248905
391312
098245
145698
212324
986541
968541
540872
```

Sample Output

```
ACCEPTABLE
ACCEPTABLE
ACCEPTABLE
ACCEPTABLE
WEAK
WEAK
WEAK
ACCEPTABLE
ACCEPTABLE
```