Interesting or Not

Output:

Krishna, the math geek of our class thinks that the number 41312432 is interesting.
This is because of the following property:
There is exactly 1 digit between the two 1s, there are exactly 2 digits between the two 2s, and so on.
Formally, Krishna thinks that a number X is interesting if the following property is satisfied:
For each D between 0 and 9, inclusive, X either does not contain the digit D at all, or it contains exactly two digits D, and there are precisely D other digits between them.
You are given a String X that contains the digits of a positive integer. Print "Interesting" if that integer is interesting, otherwise print "Not interesting" (Quotes for clarity).
Input
First line contains a single integer T, the number of test cases. It is followed by T cases each of which contains one string.
Output
For each test case output a single line containing "Interesting" (without quotes) if it is an interesting integer or "Not interesting" (without quotes) if it is not interesting.
Constraints
1<=T<=50
The length of the string will not exceed 20.
Example
Input:
3
2002
1001
41312432

Not interesting		
Interesting		
Explanation for test case #1:		

There are 0 digits between the two 0s, and 2 digits between the two 2s, so interesting.

Explanation for test case #2:

Interesting

There should be 1 digit between the two 1s, but there are 2 digits between the two 1s, so not interesting.