**Question 7 :Number with 2**

**Problem Statement  :**

Suppose you are in a number system, where if the number doesn’t contain 2 in the unit digit then the number is not valid. So the first number of the number system is 2, the second number is 12, and the third is 22.  
for a given integer n, you have to print the nth element of the number system.

**Input Format:**  
First line, containing n denoting the number of test cases.  
then n number of lines for the query.

**Output Format:**  
Print the consecutive number in the number system for each query.

**Sample Input:**  
3

**Sample Output:**  
22

**Explanation:**  
1st number will be 2 , 2nd number will be 12 and third number will be 32