

/*Day 79 coding Statement :

You are given a binary string S of length N. You can perform the following operation on S:

Pick any set of indices such that no two picked indices are adjacent.

Flip the values at the picked indices (i.e. change 0 to 1 and 1 to 0).

For example, consider the string S=1101101.

If we pick the indices {1,3,6}, then after flipping the values at picked indices, we will get 1?10?110?1→0111111.

Note that we cannot pick the set {2,3,5} since 2 and 3 are adjacent indices.

Find the minimum number of operations required to convert all the characters of S to 0.*/

```
import java.util.*;
public class Main
{
    public static void main(String[] args) {
        Scanner sc=new Scanner(System.in);
        int n=sc.nextInt();
        int a[]=new int[n];
        int pos=0;
        while(n!=0){
            int s=sc.nextInt();
            String t=sc.next();

            if(t.charAt(0)=='1' && t.charAt(1)=='0'){
                a[pos]=1;
                pos++;
                n--;
            }
            else if(t.charAt(0)=='0' && t.charAt(1)=='0'){
                a[pos]=0;
                pos++;
                n--;
            }
            else{
                a[pos]=2;
                pos++;
                n--;
            }
        }
        for(int i=0;i<pos;i++){
            System.out.println(a[i]);
        }
    }
}
```

