```java
import java.util.*;

public class Main
{
    public static void main (String[] args)
    {
        Scanner sc=new Scanner(System.in);
        int t=sc.nextInt();
        while(t-->0)
        {
            int n=sc.nextInt();
            sc.nextLine();
            String ans="";
            for(int j=0;j<n;j++)
            {
                String s = sc.nextLine();
                if(s.charAt(j)=='0')
                    ans+="1";
                else
                    ans+="0";
            }
            System.out.println(ans);
        }
    }
}
```