

/**Day 82 coding Statement :

You are given N binary strings of length N each. You need to find a binary string of length N which is different from all of the given strings.

Note:

- A binary string is defined as a string consisting only of '0' and '1'.
- A string is considered different from another string when they have different lengths, or when they differ in at least one position.
-

***/

```
import java.util.*;
```

```
import java.lang.*;
```

```
import java.io.*;
```

```
public class Main
```

```
{
```

```
public static void main (String[] args) throws java.lang.Exception
```

```
{
```

```
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);
```

```
}
```

```
}
```

```
}
```