

Task 03: **Visiting *Alderaan* places...**

[50 points]

R2-D2 is helping run a *Star Tours* travel agency from the planet of *Tomorrowland*. Currently, his agency visits 5 planets. Each planet has a single digit designation. Each group of tourists gets to submit one vote on which planet they would like to visit. R2-D2 must determine which planet received the most votes. The chart shows the mapping of the numbers to the planets.

<i>Single Digit Designation</i>	<i>Planet Name</i>
0	Hoth
1	Jakku
2	Tatooine
3	Dagobah
4	Kashyyyk

Problem Statement

Determine the planet that received the most votes.

Input Format

The first line contains an integer T denoting the number of test cases. This is followed by T lines, each containing a positive integer N where each digit of N represents a vote for the corresponding planet.

Output Format

For every input T , output the planet name of the planet which received the most votes. In the event of a tie, output the names of the planets that tied on a single line in alphabetical order.

Sample Input

```
2
312204          // Planet 2 received 2 votes
0123210         // Planets 0, 1, & 2 tied
```

Sample Output

```
Tatooine
Hoth Jakku Tatooine
```