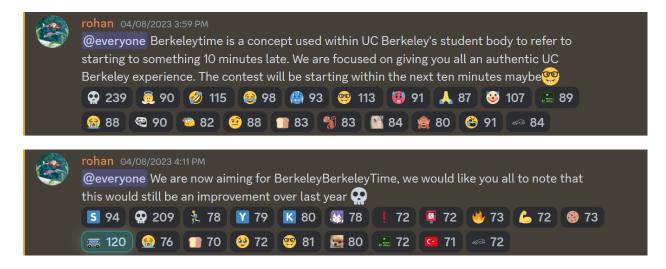
Problem 1: berkeleytime 3 Points

Problem ID: berkeleytime
Rank: 1

Introduction



Problem Statement

The contest will start \mathbf{N} minutes late, where \mathbf{N} is a multiple of 10. Output the appropriate text rohan should use for the start time based on the following message from alfphaderp:

alfphaderp Today at 11:33 AM

- @rohan be sure to use the following when writing announcements for upcoming contests:
 - O minutes late: haha good one
 - 10 minutes late: berkeleytime
 - 20 minutes late: berkeleyberkeleytime
 - 30 minutes late: berkeleyberkeleyberkeleytime
 - 40 to 170 minutes late: (follow the pattern like above)
 - 180 minutes late or later: canceled

Note: Templates are available for this problem—and **all other problems in this contest**—in Python, Java, and C++! Find them in the <u>contest.zip provided at the start of the contest</u>. Templates handle input and output for you, so you can just fill out a single function!

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Input Format

The first line of the input contains a single integer T denoting the number of test cases that follow. Each test case is described in a single line containing a single integer N denoting the number of minutes the contest will start late.

Output Format

For each test case, output a single line containing the appropriate text for the start time.

Constraints

$$\label{eq:constraint} \begin{split} 1 &\leq T \leq 100 \\ 0 &\leq N \leq 500 \\ \mathbf{N} \text{ is guaranteed to be a multiple of 10.} \end{split}$$

Sample Test Cases

Sample Input

6			
20			
500			
180			
80			
30			
0			

Sample Output

```
berkeleyberkeleytime
canceled
canceled
berkeleyberkeleyberkeleyberkeleyberkeleyberkeleyberkeleytime
berkeleyberkeleyberkeleytime
haha good one
```

Sample Explanations

Test Case #1:

The contest will start at a very reasonable and acceptable **N** = 20 minutes late, which is honestly very forgivable given all the work that goes into organizing a contest. If I were a student and a contest I was taking part in only started twenty minutes late I'd be okay with it. The twenty-minute period consists of two short ten-minute periods, resulting in berkeley repeating twice. Finally, time is added to the end, resulting in the following output: berkeleyberkeleytime

Test Case #2:

The contest will start 500 minutes late, which exceeds 180 minutes. Thus, the output is: canceled

Test Case #6:

I didn't know we had a comedian in the house.

Download

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