401. Binary Watch

Description

A binary watch has 4 LEDs on the top to represent the hours (0-11), and 6 LEDs on the bottom to represent the minutes (0-59). Each LED represents a zero or one, with the least significant bit on the right.

- For example, the below binary watch reads `"4:51"`.

Given an integer `turnedOn` which represents the number of LEDs that are currently on (ignoring the PM), return *all possible times the watch could represent*. You may return the answer in **any order**.

The hour must not contain a leading zero.

- For example, `"01:00"` is not valid. It should be `"1:00"`.

The minute must consist of two digits and may contain a leading zero.

- For example, `"10:2"` is not valid. It should be `"10:02"`.

Example 1:

```
Input: turnedOn = 1
Output: ["0:01","0:02","0:04","0:08","0:16","0:32","1:00","2:00","4:00","8:00"]
```

Example 2:

```
Input: turnedOn = 9
Output: []
```

Constraints:

- `0 <= turnedOn <= 10`