

# 2933. High-Access Employees

## Description

You are given a 2D **0-indexed** array of strings, `access_times`, with size `n`. For each `i` where `0 <= i <= n - 1`, `access_times[i][0]` represents the name of an employee, and `access_times[i][1]` represents the access time of that employee. All entries in `access_times` are within the same day.

The access time is represented as **four digits** using a **24-hour** time format, for example, `"0800"` or `"2250"`.

An employee is said to be **high-access** if he has accessed the system **three or more** times within a **one-hour period**.

Times with exactly one hour of difference are **not** considered part of the same one-hour period. For example, `"0815"` and `"0915"` are not part of the same one-hour period.

Access times at the start and end of the day are **not** counted within the same one-hour period. For example, `"0005"` and `"2350"` are not part of the same one-hour period.

Return *a list that contains the names of **high-access** employees with any order you want.*

### Example 1:

**Input:** `access_times = [ ["a","0549"], ["b","0457"], ["a","0532"], ["a","0621"], ["b","0540"] ]`  
**Output:** `["a"]`  
**Explanation:** "a" has three access times in the one-hour period of [05:32, 06:31] which are 05:32, 05:49, and 06:21. But "b" does not have more than two access times at all. So the answer is ["a"].

### Example 2:

**Input:** `access_times = [ ["d","0002"], ["c","0808"], ["c","0829"], ["e","0215"], ["d","1508"], ["d","1444"], ["d","1410"], ["c","0809"] ]`  
**Output:** `["c","d"]`  
**Explanation:** "c" has three access times in the one-hour period of [08:08, 09:07] which are 08:08, 08:09, and 08:29. "d" has also three access times in the one-hour period of [14:10, 15:09] which are 14:10, 14:44, and 15:08. However, "e" has just one access time, so it can not be in the answer and the final answer is ["c","d"].

### Example 3:

**Input:** `access_times = [ ["cd","1025"], ["ab","1025"], ["cd","1046"], ["cd","1055"], ["ab","1124"], ["ab","1120"] ]`  
**Output:** `["ab","cd"]`  
**Explanation:** "ab" has three access times in the one-hour period of [10:25, 11:24] which are 10:25, 11:20, and 11:24. "cd" has also three access times in the one-hour period of [10:25, 11:24] which are 10:25, 10:46, and 10:55. So the answer is ["ab","cd"].

### Constraints:

- `1 <= access_times.length <= 100`
- `access_times[i].length == 2`
- `1 <= access_times[i][0].length <= 10`
- `access_times[i][0]` consists only of English small letters.
- `access_times[i][1].length == 4`
- `access_times[i][1]` is in 24-hour time format.
- `access_times[i][1]` consists only of `'0'` to `'9'`.

