2. Suspicious Activity From Logs

Application logs are useful in analyzing interaction with an application and may also be used to detect suspicious activities.

A log file is provided as a string array where each entry represents a money transfer in the form "*sender_user_id recipient_user_id amount*". Each of the values is separated by a space.

- *sender_user_id* and *recipient_user_id* both consist only of digits, are at most 9 digits long and start with non-zero digit
- *amount* consists only of digits, is at most 9 digits long and starts with non-zero digit

Logs are given in no particular order. Write a function that returns an array of strings denoting user_id's of suspicious users who were involved in at least *threshold* number of log entries. The id's should be ordered ascending by numeric value.

Example

logs = ["88 99 200", "88 99 300", "99 32 100", " 12 12 15"]
threshold = 2

The transactions count for each user, regardless of role are:

ID	Transactions
99	3
88	2
12	1
32	1

There are two users with at least *threshold = 2* transactions: *99* and *88*. In ascending order, the return array is *['88', '99']*.

Note: In the last log entry, user *12* was on both sides of the transaction. This counts as only *1* transaction for user *12*.

Function Description

Complete the function *processLogs* in the editor below.

The function has the following parameter(s):

string *logs[n]*: each *logs[i]* denotes the i^{th} entry in the logs
int *threshold*: the minimum number of transactions that a user must have to be included in the result

Returns:

string[]: an array of user id's as strings, sorted ascending by numeric value

Constraints

- $1 \leq n \leq 10^5$
- $1 \leq threshold \leq n$
- The *sender_user_id*, *recipient_user_id* and *amount* contain only characters in the range ascii['0'-'9'].
- The *sender_user_id*, *recipient_user_id* and *amount* start with a non-zero digit.
- ... ≤ 9.

Solve question 2

Test Results