

## Problem:

Clark is conducting an online Quiz competition daily where daily participation for contestants is optional. Clark want to send specific notifications to following group of participants

- 1) Participants who participated everyday
- 2) Participants who participated only once
- 3) Participants who participated on the first day and never participated again.

Help Clark to write functions in python to get the above information.

## Input:

List of every day participant list

Number of participants daily can be form 0 to 100000

Number of days can be from 0 to 1000

## Output:

List of participants who participated daily

List of participants who participated only once

List of participants who participated on the first day and never participated again.

## Sample input

```
[  
['Sam', 'Emma', 'Joan', 'Krish', 'John', 'Desmond', 'Tom', 'Nicole'],  
['Brad', 'Walter', 'Sam', 'Krish', 'Desmond', 'Jennifer'],  
['Tom', 'Krish', 'Emma', 'Mia', 'Nicole', 'Sam', 'Desmond'],  
['Desmond', 'Sam', 'Krish', 'Mia', 'Harry'],  
['Ron', 'Ginny', 'Ted', 'Krish', 'Mia', 'Sam', 'Sachin', 'Desmond', 'Kapil'],  
['Krish', 'Brad', 'Walter', 'Jennifer', 'Desmond', 'Harry', 'Nicole', 'Sam'],  
]
```

## Sample output

```
['Desmond', 'Krish', 'Sam']  
['Kapil', 'Ron', 'Ginny', 'Ted', 'Sachin', 'John', 'Joan']  
['John', 'Joan']
```

## Expected File

Kindly send a single python file with 3 functions. Each of these functions will take one argument (list of lists) and will output a list