https://course.acciojob.com/idle?question=3a2234ff-c3ce-482d-a32d-96fe8a5985de

- EASY
- Max Score: 30 Points

Second Most Repeated Word

You are given an array of strings `ARR`. You have to find out the second most repeated word in the array `ARR`. It is guaranteed every string occurs a unique number of times in the array.

Example:- `N = 5 S = ['aaa', 'bbb', 'ccc', 'aaa', 'bbb', 'aaa']`

ANSWER:- The answer should be `bbb` as it is repeated 2 times and is the second most repeated word in the array [after the word `aaa` which is repeated 3 times].

Input Format :

The first line contains a single integer 'N' denoting the length of the array.

The next line of contains 'N' strings denoting the string in the array.

Output Format :

Return the second most repeated string in the array.

Example 1:

Input:

```
3
aa bb aa
```

Output:

```
bb
```

Explanation:

The string `bb` **has frequency 1 and is the 2nd most repeated character in the array.**

Example 2:

Input:

```
6
a b b c a a
```

Output:

```
b
```

Explanation:

The string `b` **has frequency 2 and is the 2nd most repeated character in the array.**

Constraints:

```
3 <= N <= 1000
```

```
1 <= |ARR[i]| <= 1000
```

It is gauranteed that there exists at least two type of strings.

All string contains lower case latin letters only.

Topic Tags

- Hashing

My code

```
// in java
import java.io.*;
import java.util.*;

public class Main {
	public static void main(String args[]) {
		// your code here
		Scanner s=new Scanner(System.in);
		int n=s.nextInt();
		String arr[]=new String[n];
		for(int i=0;i<n;i++)
			arr[i]=s.next();
		HashMap<String,Integer>hm=new HashMap<>();
		  for(int i=0;i<n;i++)
			hm.put(arr[i],hm.getOrDefault(arr[i],0)+1);
		//now find max freq
		  int max=0;
		String max_key="";
		for(int i=0;i<n;i++)
			{
				int t=hm.get(arr[i]);
				if(t>max)
				{
					max=t;
					max_key=arr[i];
				}
			}
		//now find 2nd max
		max=0;
		String ans="";
		for(int i=0;i<n;i++)
			{
```

```
                    if(arr[i].equals(max_key));//continue;
                    else{
                    int t=hm.get(arr[i]);
                    if(t>max)
                    {
                        max=t;
                        ans=arr[i];
                    }
                    }
                }
            System.out.print(ans);
        }
}
```