

Problem

Pivot the Occupation column in **OCCUPATIONS** so that each Name is sorted alphabetically and displayed underneath its corresponding Occupation. The output column headers should be Doctor, Professor, Singer, and Actor, respectively.

Note: Print **NULL** when there are no more names corresponding to an occupation.

Input Format

The **OCCUPATIONS** table is described as follows:

Column	Type
Name	String
Occupation	String

Submissions

Occupation will only contain one of the following values:
Doctor, Professor, Singer or Actor.

Sample Input

Name	Occupation
Samantha	Doctor
Julia	Actor
Maria	Actor
Meera	Singer
Ashely	Professor
Ketty	Professor
Christeen	Professor
Jane	Actor
Jenny	Doctor
Priya	Singer

Leaderboard

Discussions

Sample Output

```
Jenny Ashley Meera Jane
Samantha Christeen Priya Julia
NULL Ketty NULL Maria
```

Explanation

The first column is an alphabetically ordered list of Doctor names.

The second column is an alphabetically ordered list of Professor names.

The third column is an alphabetically ordered list of Singer names.

The fourth column is an alphabetically ordered list of Actor names.

The empty cell data for columns with less than the maximum

Current Buffer (saved locally, editable)

MySQL

```
1 SET @r1=0, @r2=0, @r3 =0, @r4=0;
2 SELECT MIN(Doctor), MIN(Professor), MIN(Singer), MIN(Actor)
   FROM
3  (SELECT CASE Occupation WHEN 'Doctor' THEN @r1:=@r1+1
4         WHEN 'Professor' THEN @r2:=@r2+1
5         WHEN 'Singer' THEN @r3:=@r3+1
6         WHEN 'Actor' THEN @r4:=@r4+1 END
7         AS RowLine,
8         CASE WHEN Occupation = 'Doctor' THEN Name END AS
   Doctor,
9         CASE WHEN Occupation = 'Professor' THEN Name END AS
  Professor,
10        CASE WHEN Occupation = 'Singer' THEN Name END AS
   Singer,
11        CASE WHEN Occupation = 'Actor' THEN Name END AS Actor
12  FROM OCCUPATIONS ORDER BY Name) AS t
13 GROUP BY RowLine;
```

Line: 1 Col: 1

Upload Code as File

Run Code

Submit Code

Congratulations!

You have passed the sample test cases. Click the submit button to run your code against all the test cases.

Sample Test case 0

Your Output (stdout)

```
1 Aamina Ashley Christeen
  Eve
2 Julia Belvet Jane
  Jennifer
3 Priya Britney Jenny Ketty
4 NULL Maria Kristeen
  Samantha
5 NULL Meera NULL NULL
6 NULL Naomi NULL NULL
7 NULL Priyanka NULL NULL
```