https://www.hackerrank.com/challenges/occupations/problem?isFullScreen=true&h\_r=next-challenge&h\_v=zen&h\_r=next-challenge&h\_v=zen

[Pivot](https://en.wikipedia.org/wiki/Pivot_table) 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:

A white rectangular box with black text

Description automatically generated

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

**Sample Input**

A screenshot of a phone

Description automatically generated

**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 number of names per occupation (in this case, the Professor and Actor columns) are filled with **NULL** values.