

Occupations

Pivot the *Occupation* column in **OCCUPATIONS** so that each *Name* is sorted alphabetically and displayed underneath its corresponding *Occupation*. The output column headers should *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:

<i>Column</i>	<i>Type</i>
<i>Name</i>	<i>String</i>
<i>Occupation</i>	<i>String</i>

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

Sample Input

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

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.

