

100 DAYS OF SQL

Day 5 – Advanced Select - Pivots (no common key to pivot)

Solved "Occupations" question on the HackerRank

Used: MySQL

Question link: https://www.hackerrank.com/challenges/occupations/problem

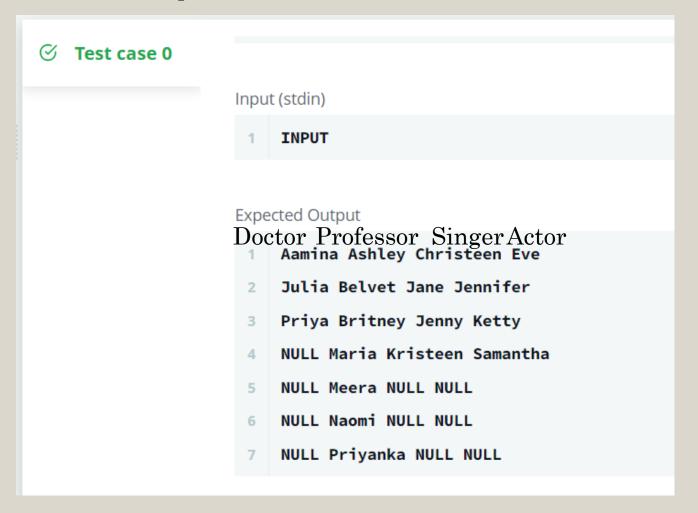
```
SELECT
 3
        MAX(CASE WHEN occupation = 'Doctor' THEN name else NULL END) AS Doctor,
        MAX(CASE WHEN occupation = 'Professor' THEN name else NULL END) AS Professor,
 4
        MAX(CASE WHEN occupation = 'Singer' THEN name else NULL END) AS Singer,
 5
        MAX(CASE WHEN occupation = 'Actor' THEN name else NULL END) AS Actor
 6
    FROM (
        SELECT *, ROW_NUMBER() OVER (PARTITION BY occupation ORDER BY name) AS occ_groups
 8
        FROM OCCUPATIONS
 9
10
    ) AS occ
    group by occ_groups ORDER BY occ_groups;
11
12
13
```

This is the query I wrote in HackerRank website

Sample input table - Occupations

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

Output of testcase in Hackerrank



Doctor Professor Singer Actor

Sample output

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