

Problem :

<https://www.hackerrank.com/challenges/occupations/problem>

Code :

```
set @r1=0, @r2=0, @r3=0, @r4=0;

select min(Doctor), min(Professor), min(Singer), min(Actor)
from(
    select case when Occupation='Doctor' then (@r1:=@r1+1)
           when Occupation='Professor' then (@r2:=@r2+1)
           when Occupation='Singer' then (@r3:=@r3+1)
           when Occupation='Actor' then (@r4:=@r4+1) end as RowNumber,
           case when Occupation='Doctor' then Name end as Doctor,
           case when Occupation='Professor' then Name end as Professor,
           case when Occupation='Singer' then Name end as Singer,
           case when Occupation='Actor' then Name end as Actor
    from OCCUPATIONS
    order by Name
) Temp
group by RowNumber
```