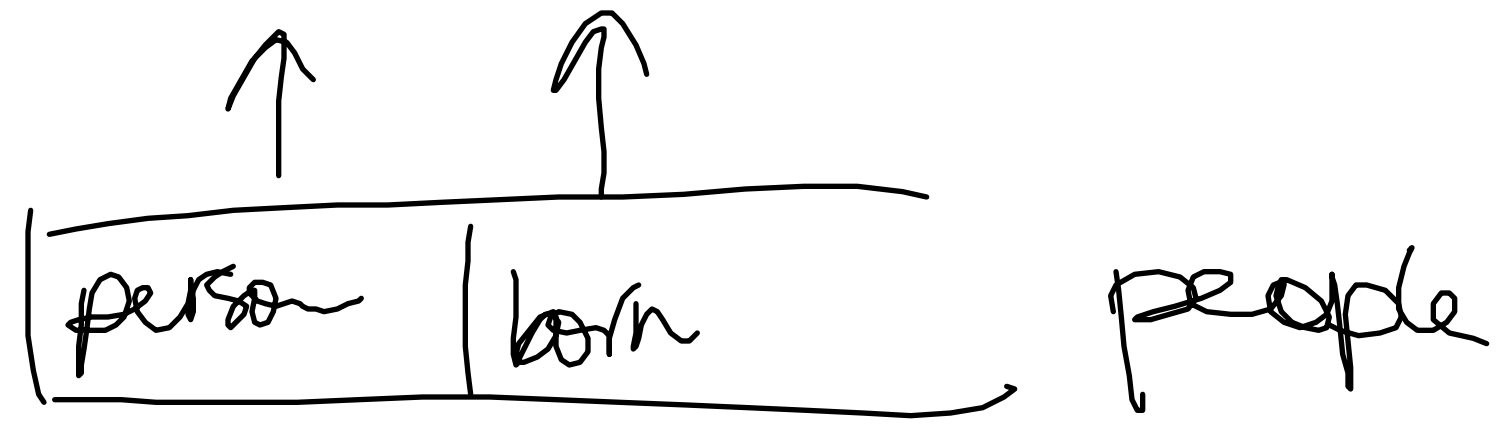


# SQL Ex 3

①



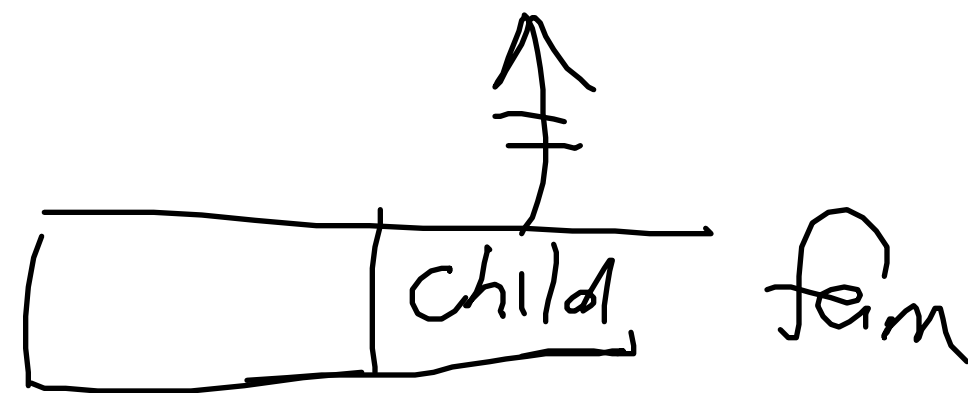
Select person, born  
from people

③



Select distinct nationality  
from people  
where nationality<sup>is</sup> not null

⑤



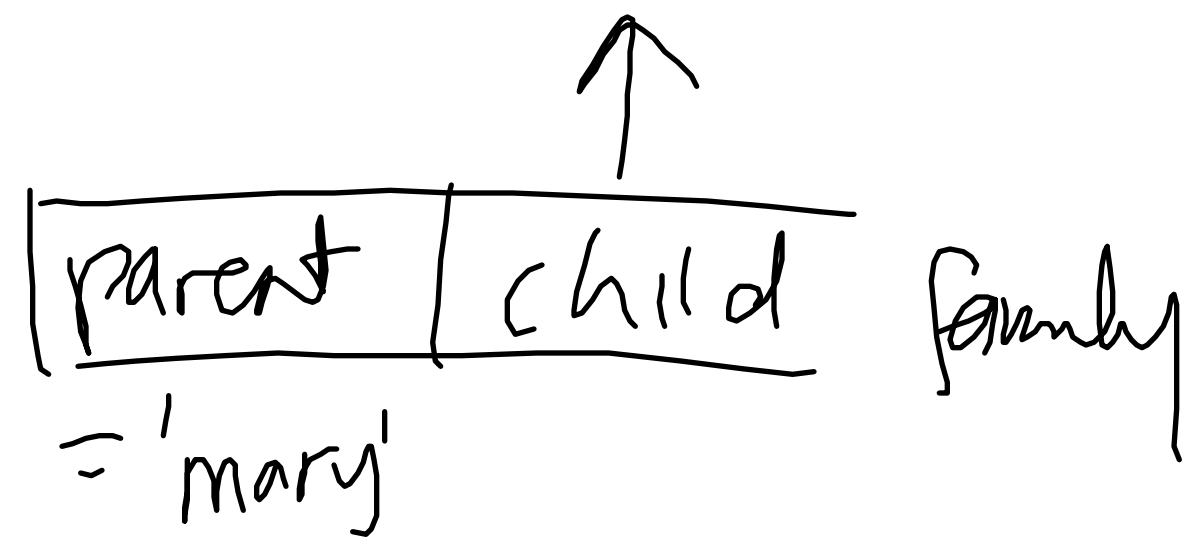
Select distinct child  
from family

6



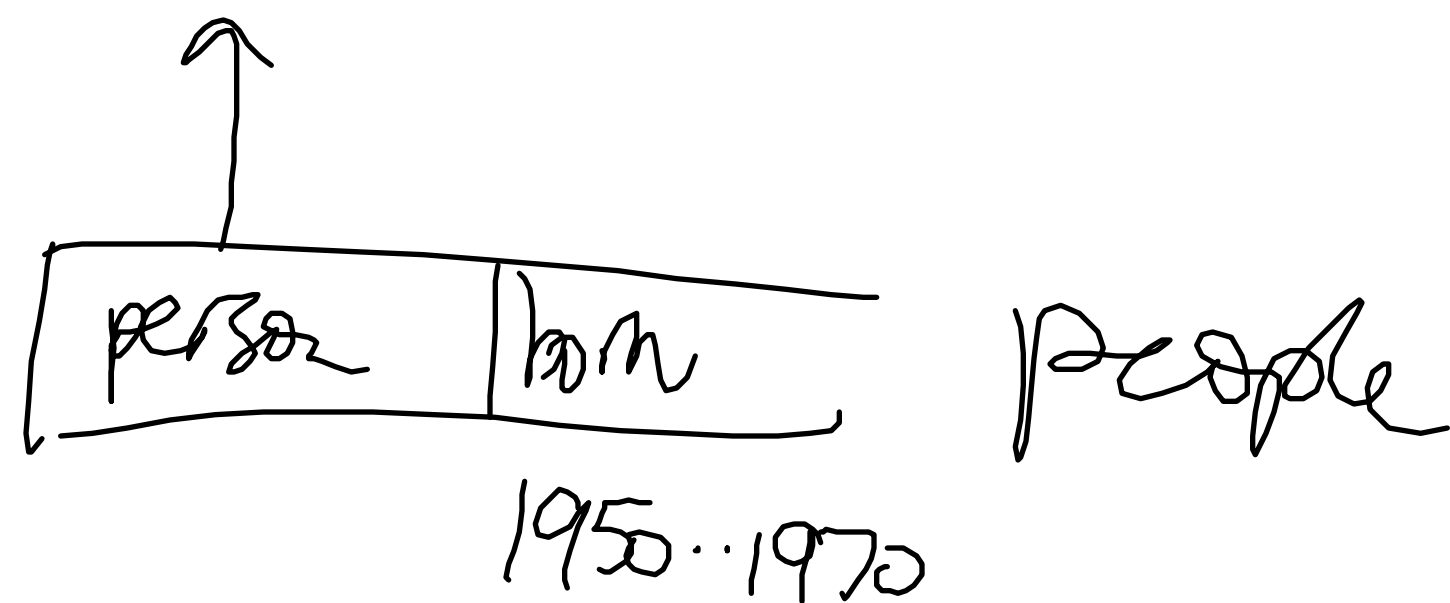
Select person  
from people  
where nationality = 'Australian'

6



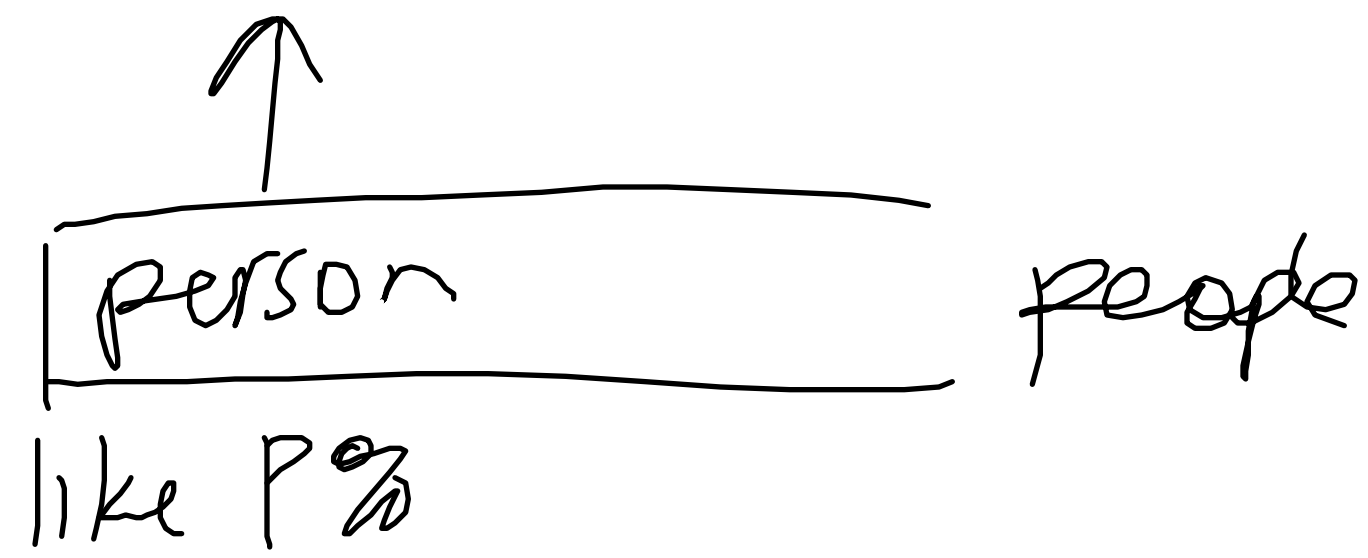
Select child  
from family  
where parent = 'mary'

13



Select person  
from people  
where born >= 1950 } where born between 1950 and 1970  
and born <= 1970 }

14

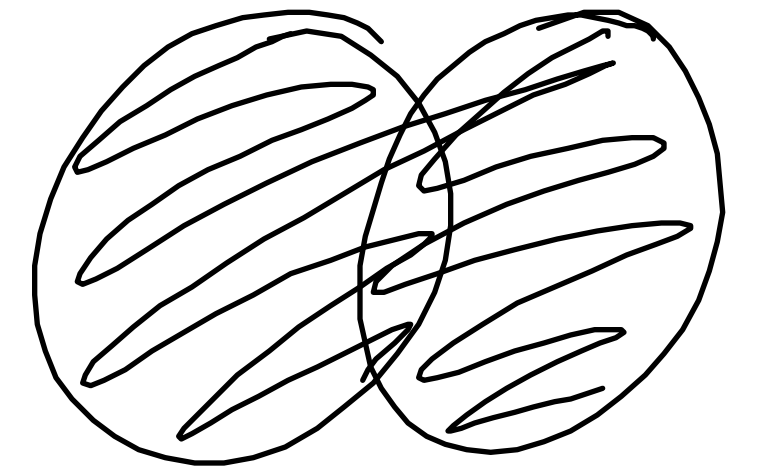


Select person  
from people  
where person like 'P%'

wild card  
% = or lots of  
don't care

15

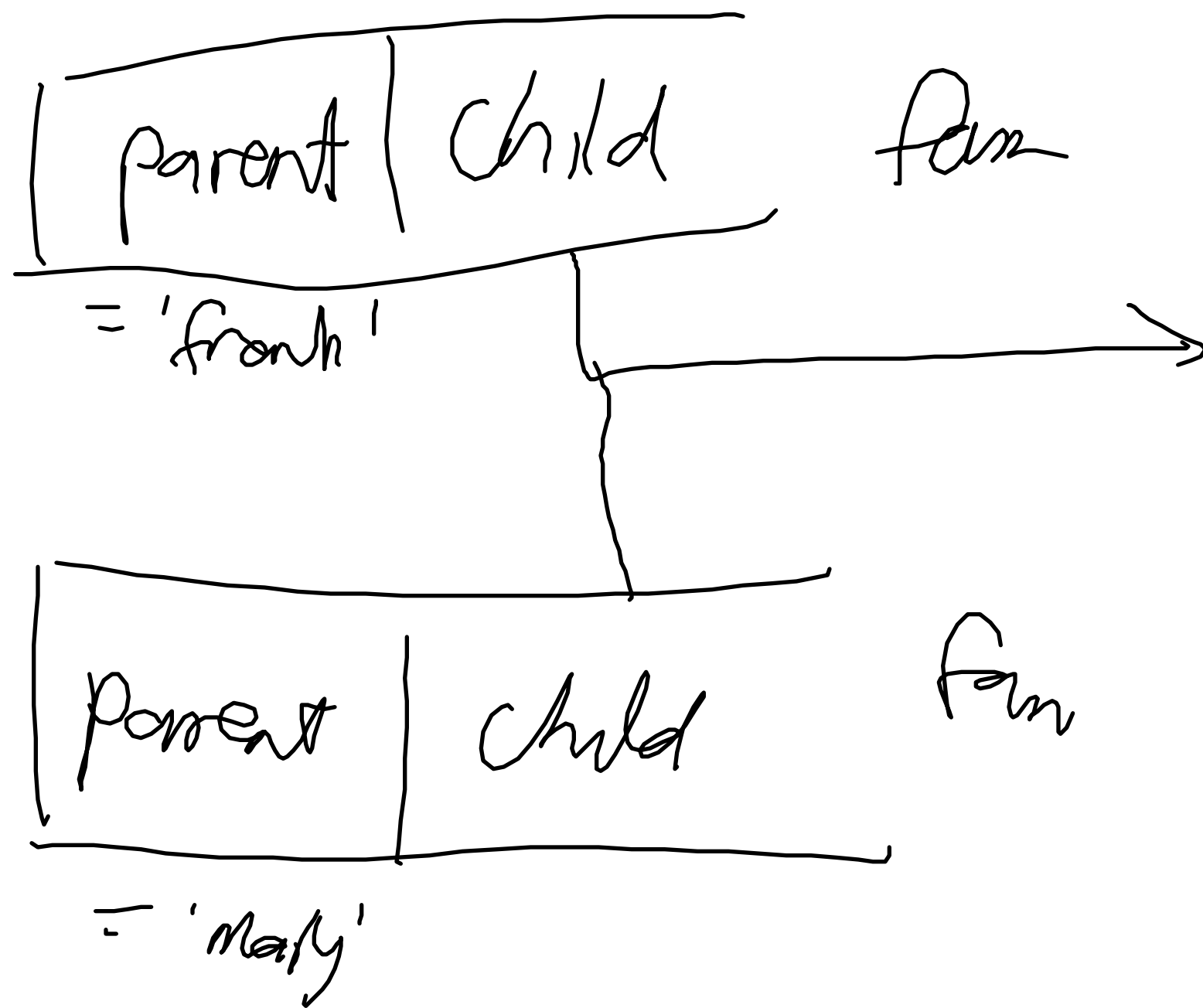
like '%a%'



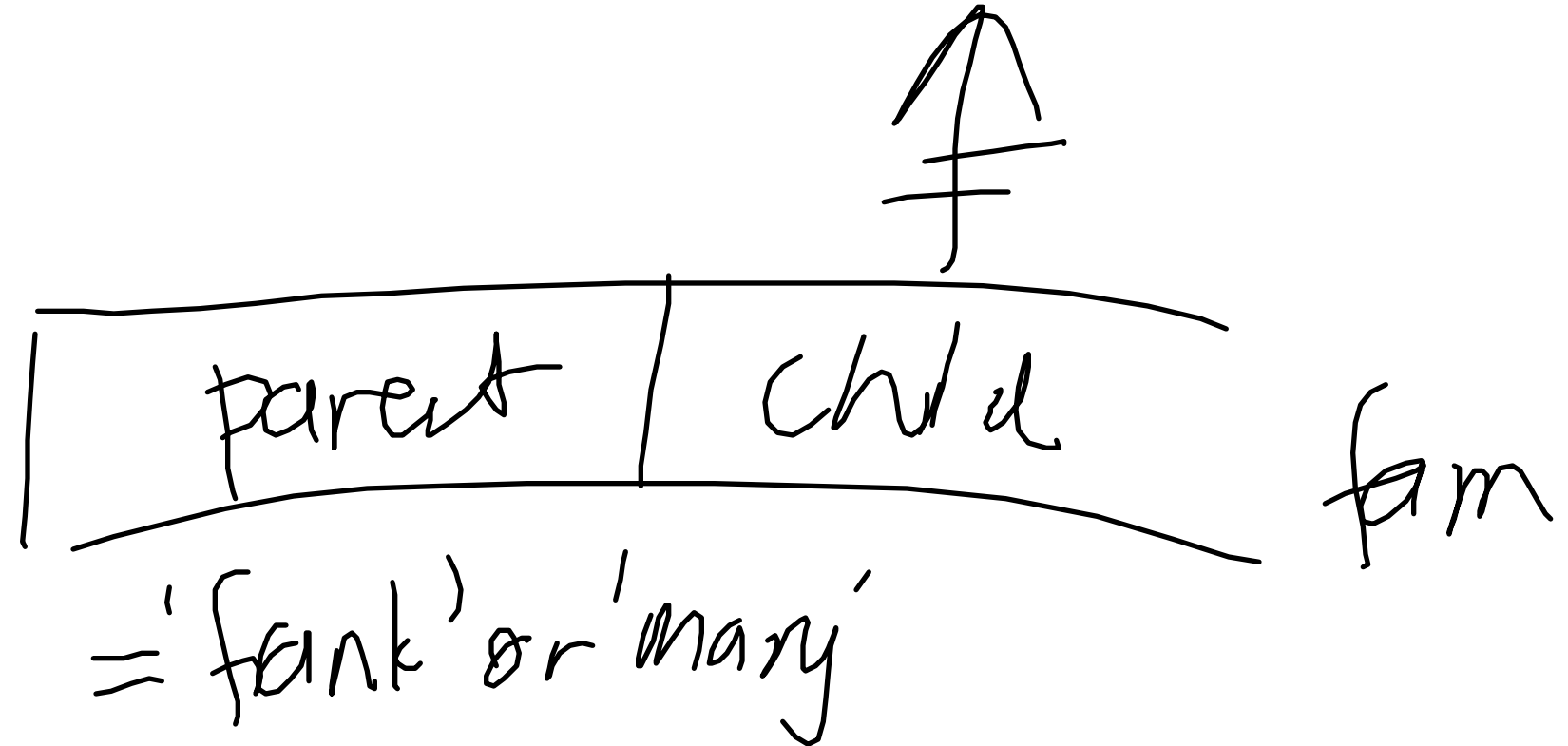
Select child  
from family  
where parent = 'frank'

Union ← distincts the set

18



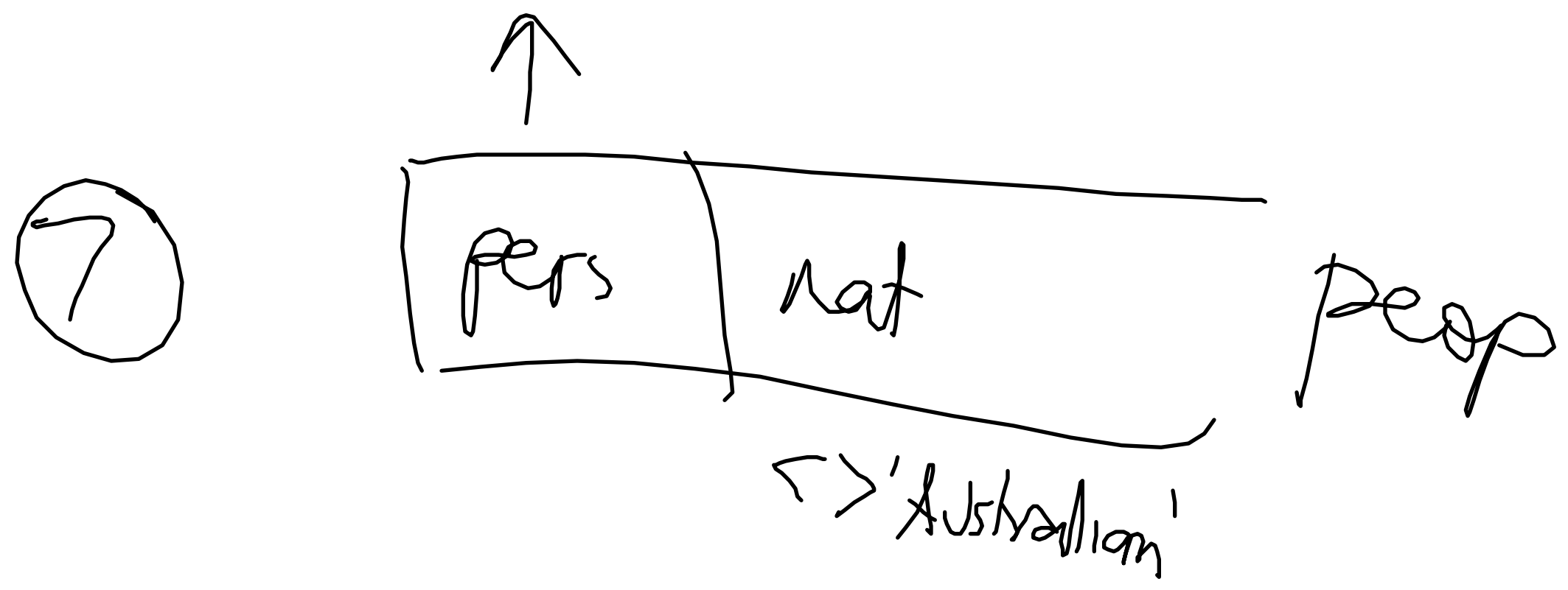
Select child  
from family  
where parent = 'Mary'

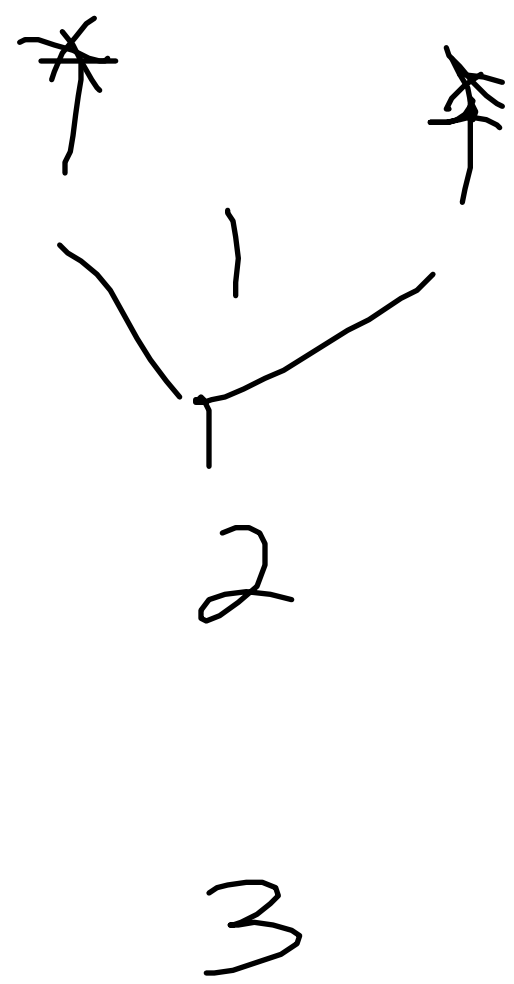


select distinct child  
 from family  
 where parent = 'frank'  
 or parent = 'mary'

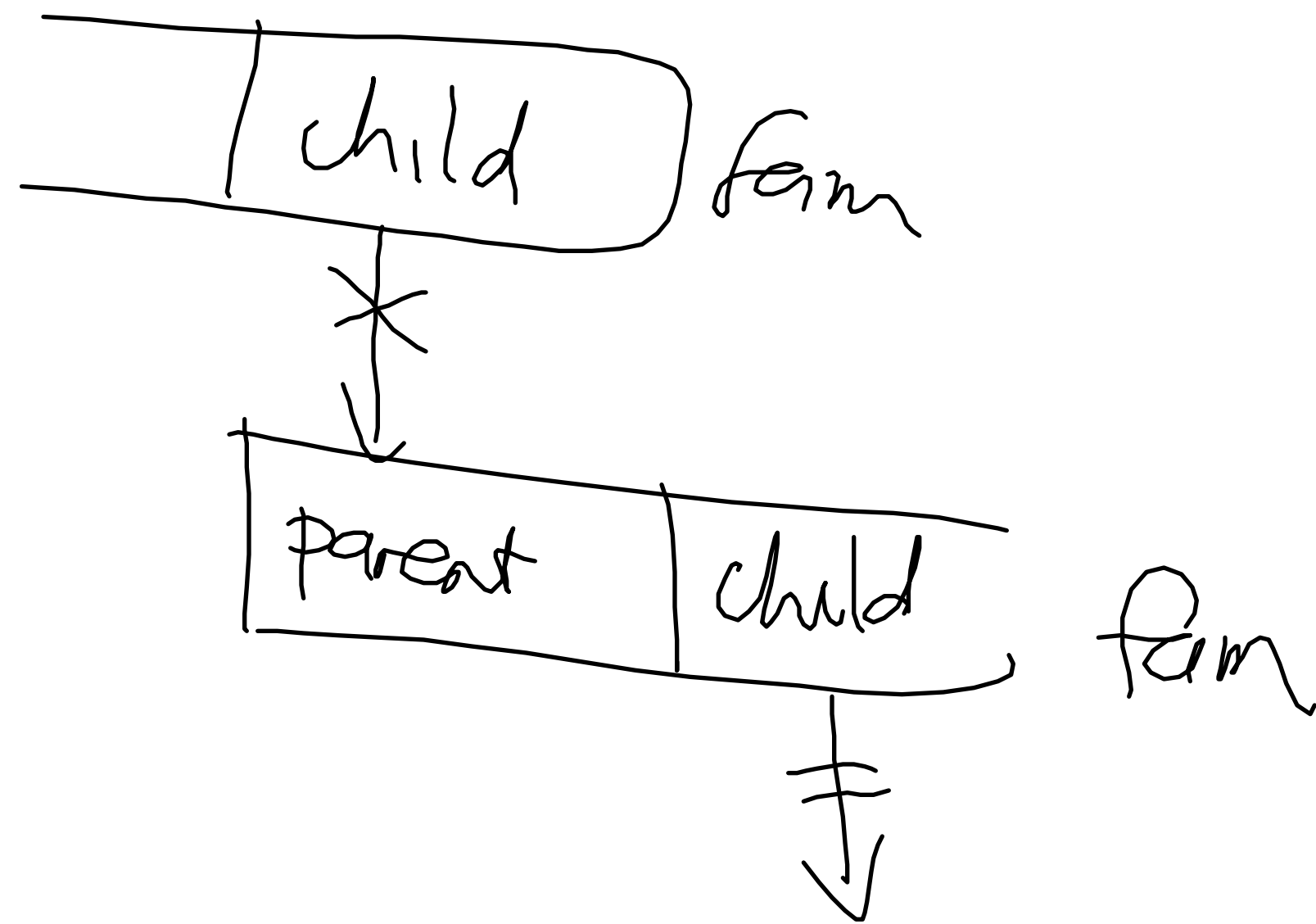
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where parent in ('frank', 'mary')



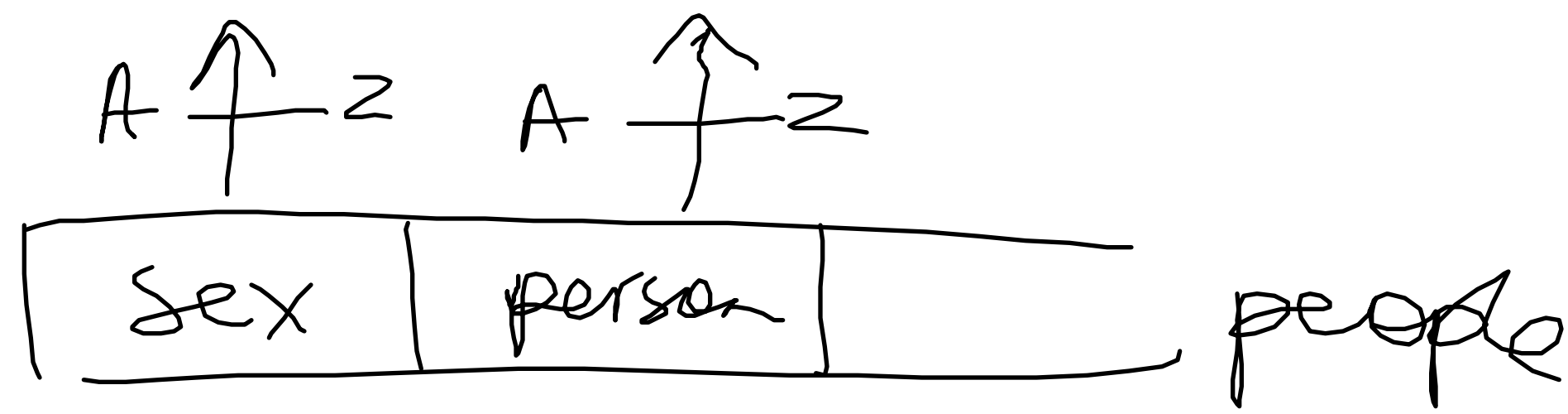


Kids whose parents have no parents



Select <sup>distinct</sup> child  
 from family  
 where parent not in  
 (select child  
 from family)

22

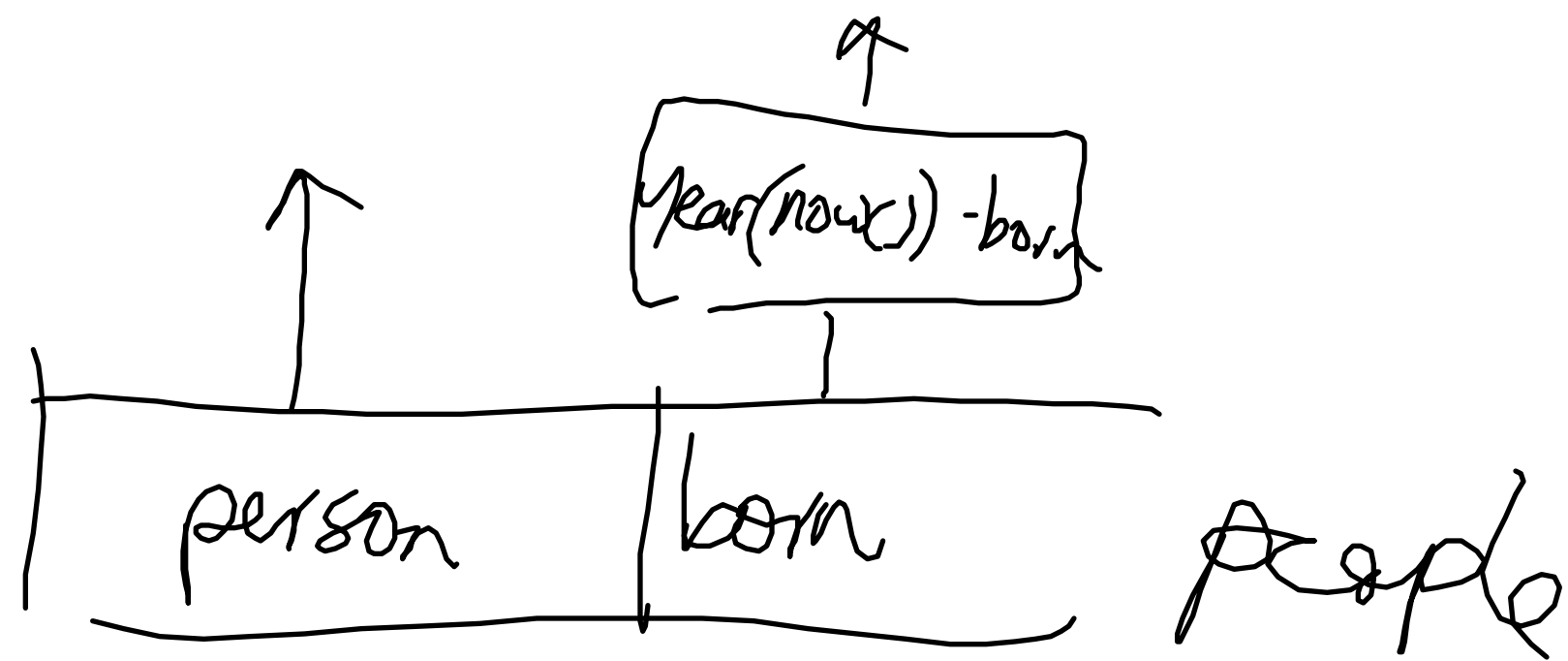


select person, sex  
from people

order by sex, person

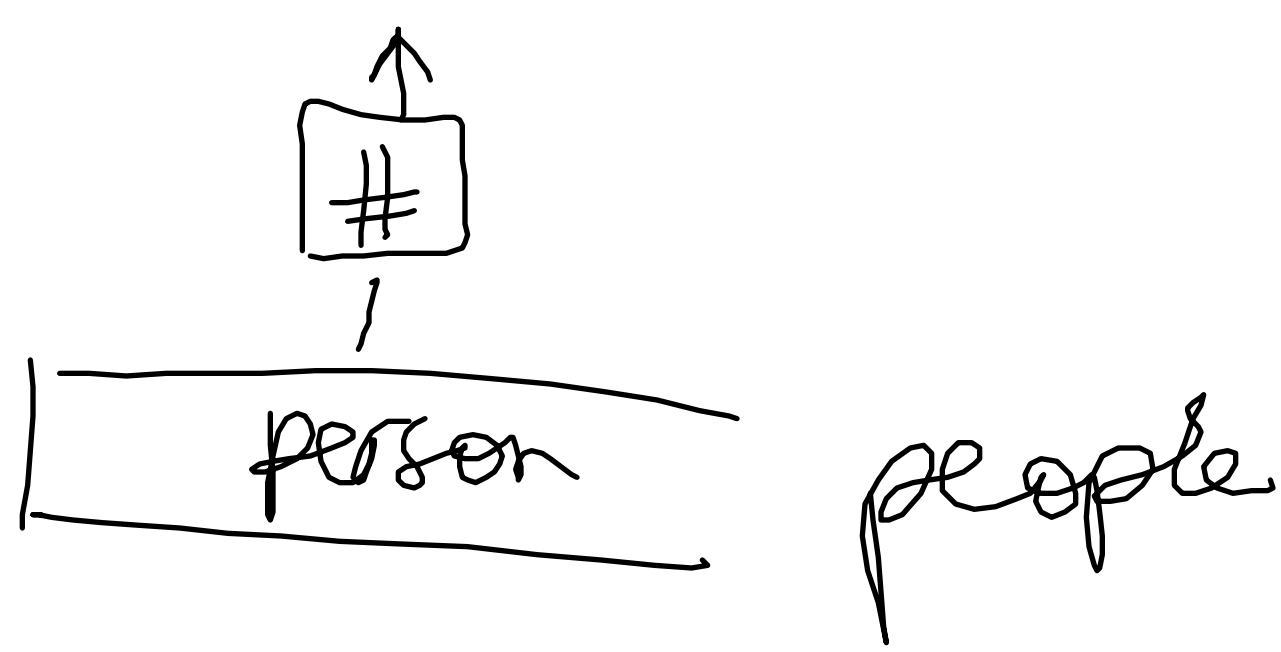
24

List names + Age of all people



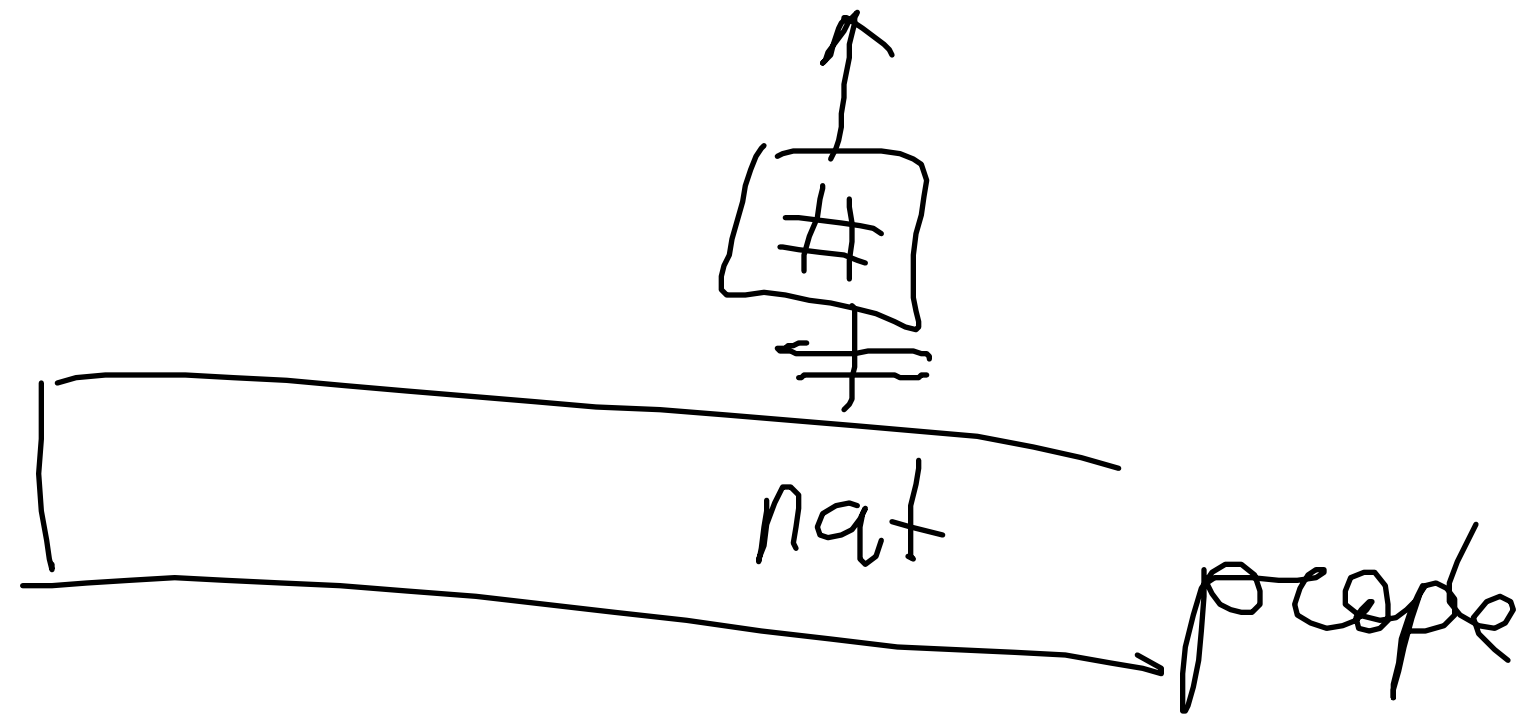
select person, Year(now()) - born as Age  
from people

26



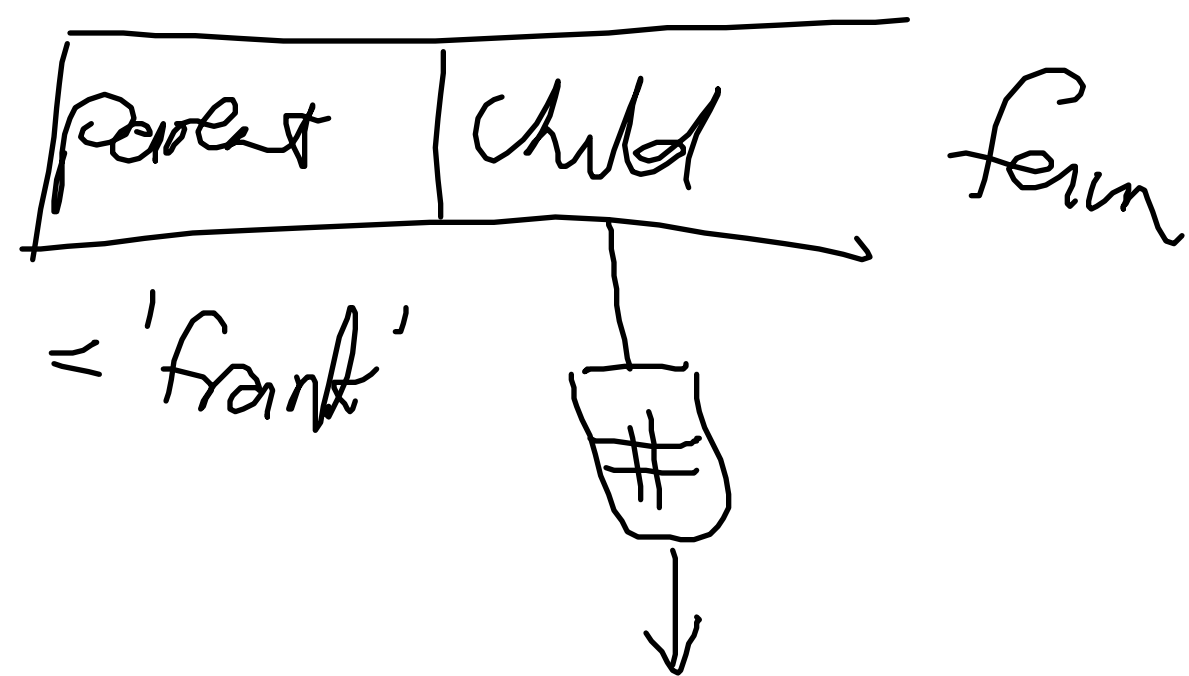
Select count(\*)  
from people

27

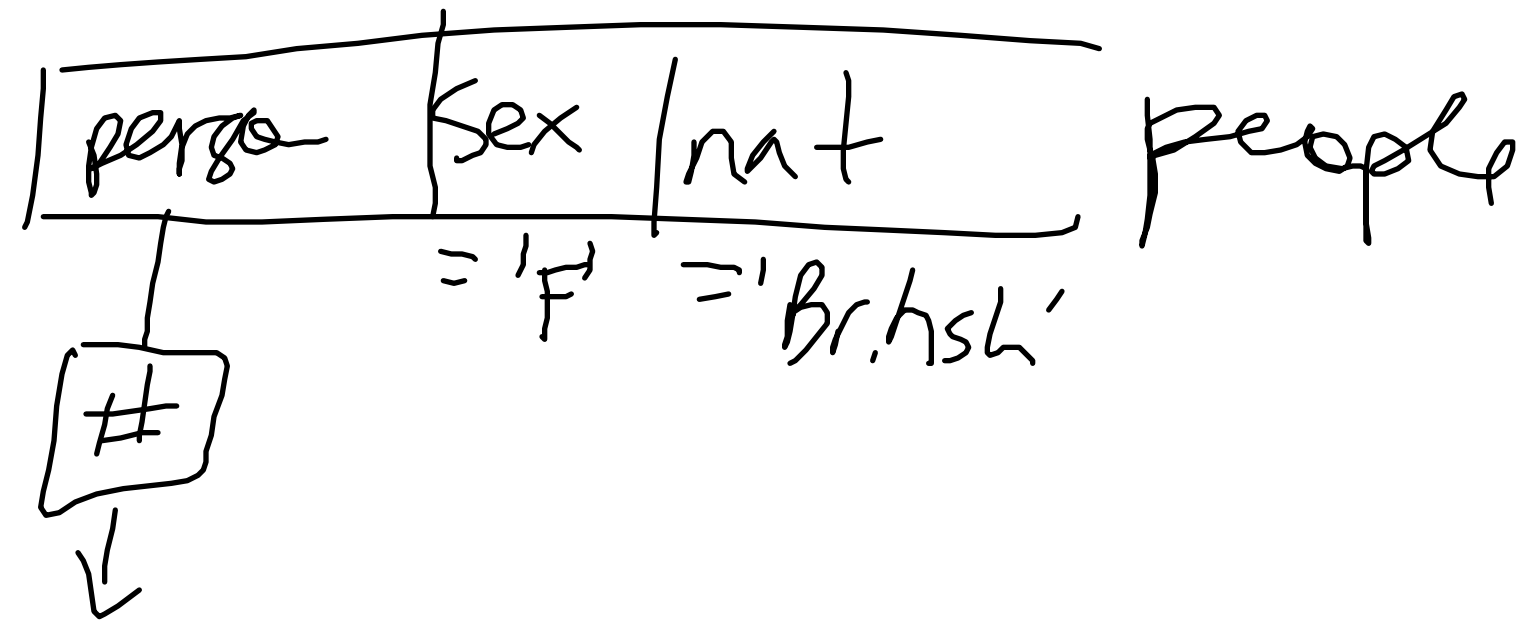


Select count(distinct nationality)  
from people  
where nationality<sub>1</sub><sup>is</sup> not null

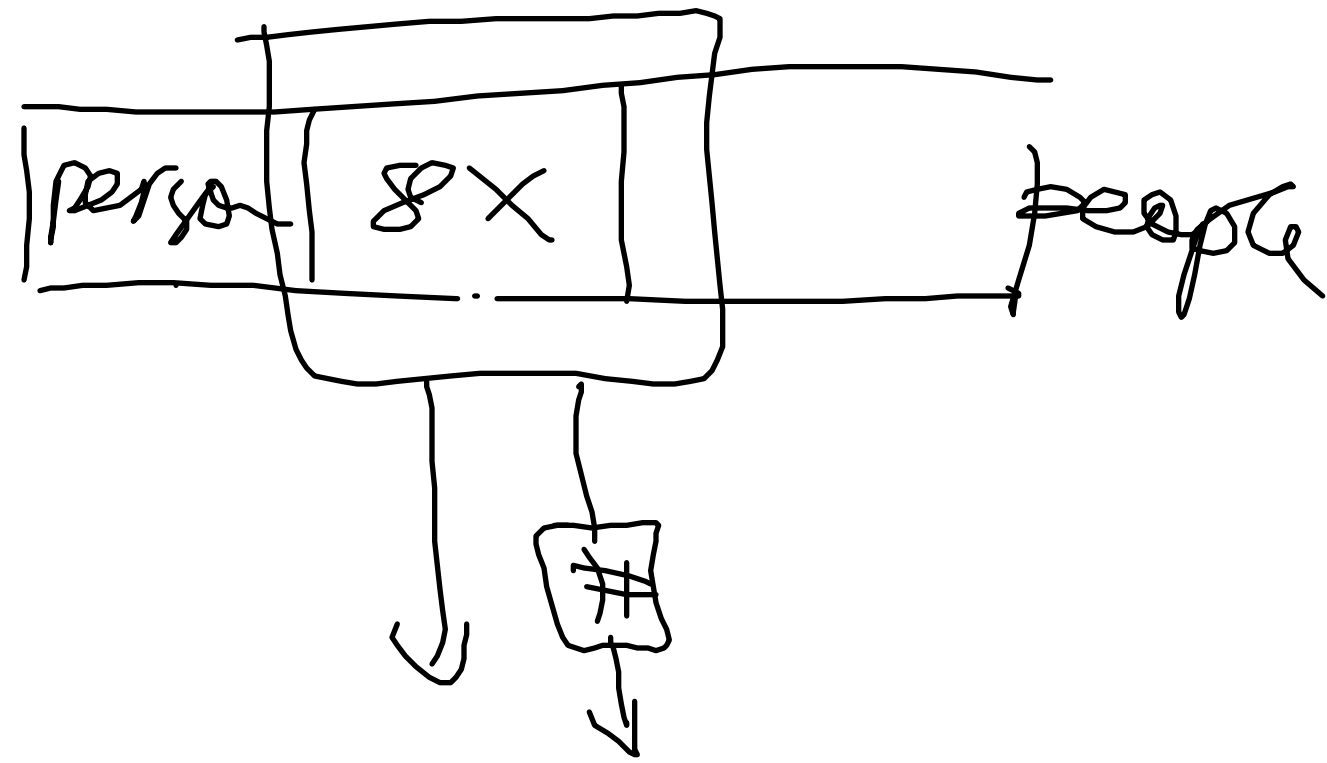
30



40 British females



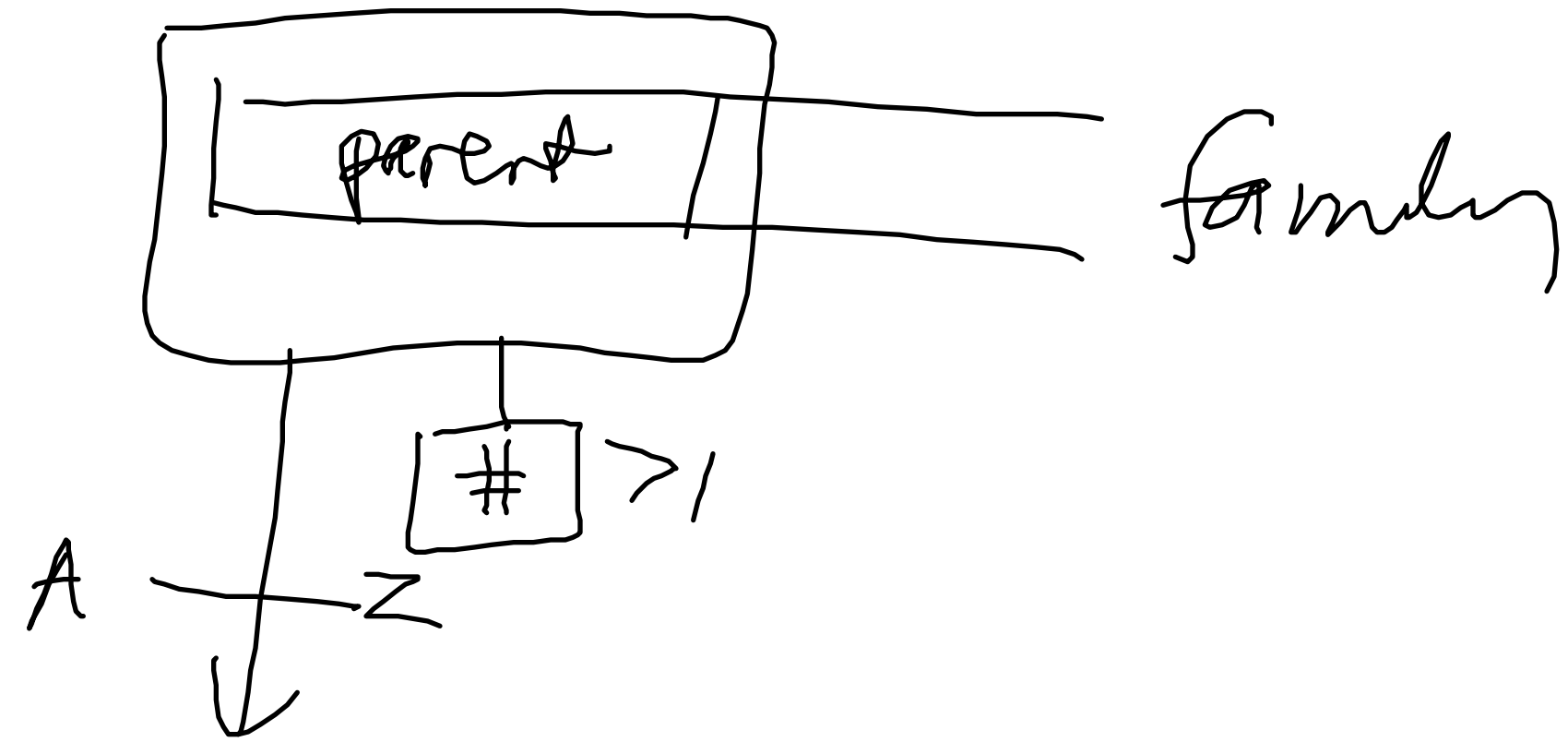
42



select sex, count(\*)  
from people  
group by sex



AS



Select parent

from family

group by parent

having count(\*) > 1

order by 1