

6.3.

$\pi_{f-no, date}(P)$
 $\pi_{f-no, date}(D)$

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6.4.

RA:

$\pi_{pid}(P) - \pi_{pid} \left[\sigma_{b.age > a.age} (P \times \sigma_P(P)) \right]$

SQL:

~~SELECT~~ p-id
 FROM P a, P b
 WHERE b.age > a.age

\Rightarrow SELECT pid FROM P
 WHERE pid NOT IN
 *

6.5.

SELECT F.source-city, COUNT(dest-city) AS number-of-dest
 FROM F
 HAVING COUNT(dest-city) >= 25
 GROUP BY Fsource-city
 ORDER BY DESC