

1) $\exists F \exists \varphi$?
 2) für welche β gilt denn $\exists F \exists \varphi$
 ↳ Antwort der Form $x! \dots y! \dots$
 oder $x! \dots y! \dots$
 ↳ Menge von Ausdrücken

Mai 4-14:12

```

select name, county
from city
where pop > 1.000.000

select country
from country, Encourages
where city.cou = enc.country
and enc.cohort = 'Europe'
Anfrage { {Name/Quartier}, {Name/Quartier} }
    
```

Mai 4-14:28

$F(x) = \text{person}(x) \wedge \neg \text{married}(john, x)$
 $\wedge \neg (john = x)$
 ↳ eine Einschränkung von x

select from A, B
 ↳ join A, B
 $A(\dots) \wedge B(\dots)$
 $A(\dots) \wedge \neg B(\dots)$

select from A, B
 where not exists (select ... from B)

Mai 4-15:08

$\dots P(x, y) \wedge z = x$
 $P(x, y) \wedge z > x$
 ↳ $z = x$
 ↳ $z > x$

Mai 4-15:22

$sibling(x, y) \leftarrow \exists z: \text{child}(z, x) \wedge \text{child}(z, y) \wedge x \neq y$

create view siblings as
 select c1.child, c2.child
 from child c1, child c2
 where c1.parent = c2.parent

child	
parent	child
john	elise

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