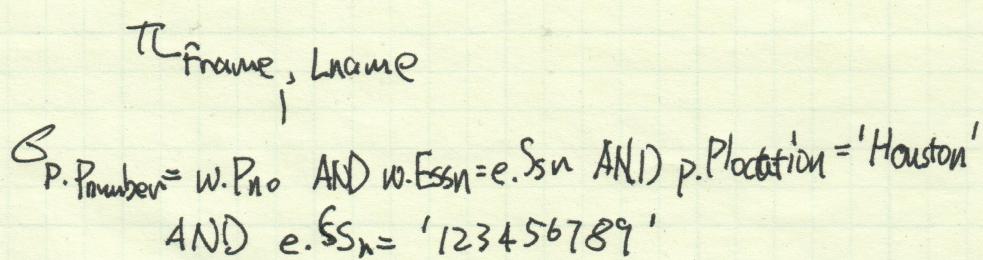
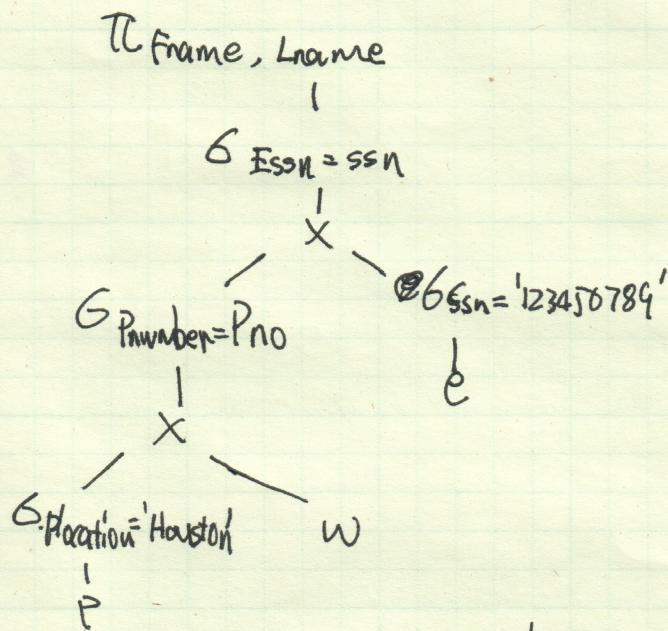


Problem 1:

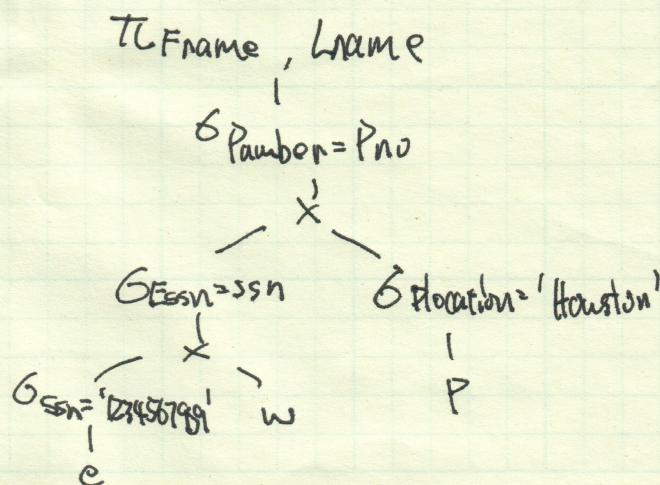
Step 1:



Step 2:

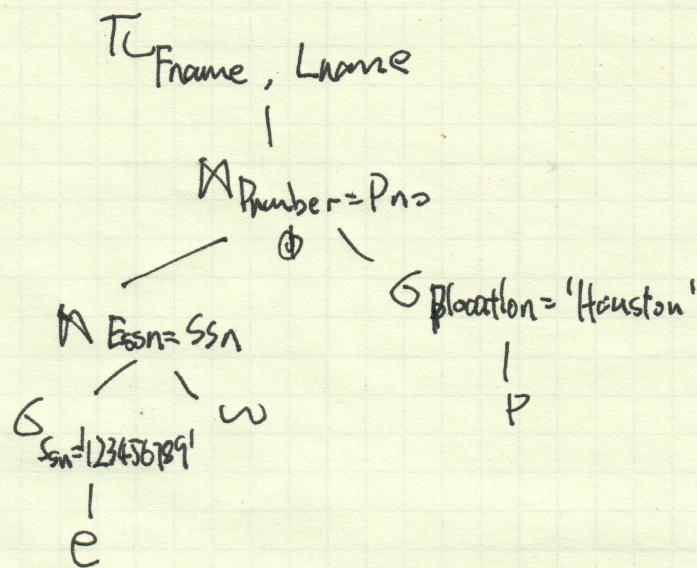


Step 3: ' $123456789$ ' = SSN is more restrictive.

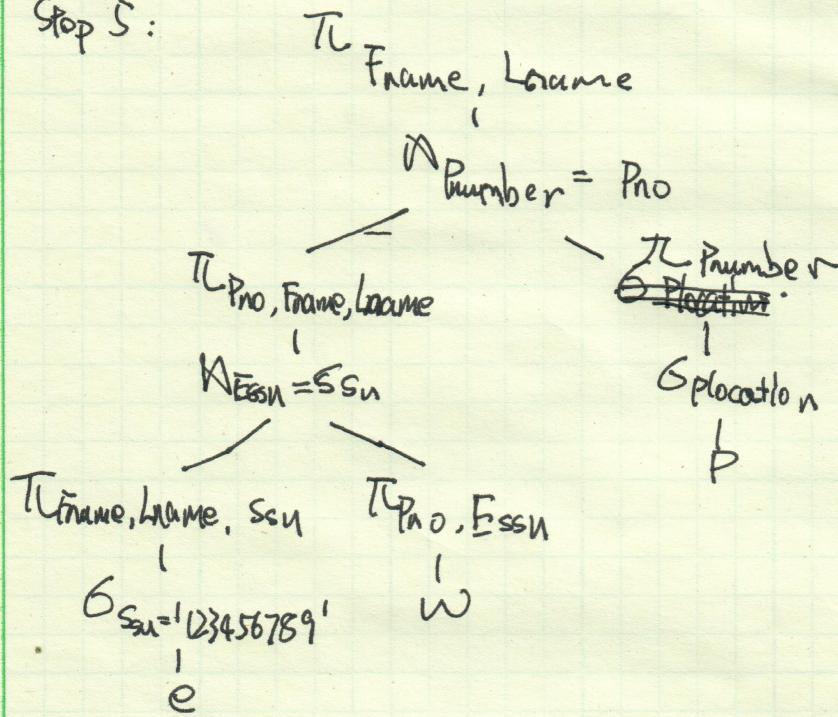


• Aliza Stanton Dorey

## Step 4.



Stop S:



Problem 2 :

$T_1$ (John)	$T_2$ (Susan)	
read-item(Acc);		$Acc = 1000$
$Acc = Acc + 100;$		
	read-item(Acc);	
	$Acc = Acc - 200;$	
write-item(Acc);		$Acc = 1100$
	write-item(Acc);	$Acc = 800$

Time.

update made by  $T_1$  is lost.

Problem 3 :

- (1) Value is 800 (read uncommitted) Dirty Read
- (2) Value is 800 (read committed) Dirty Read
- (3) Value is 1000 (repeatable read) -
- (4) Value is 1000 (serializable) -