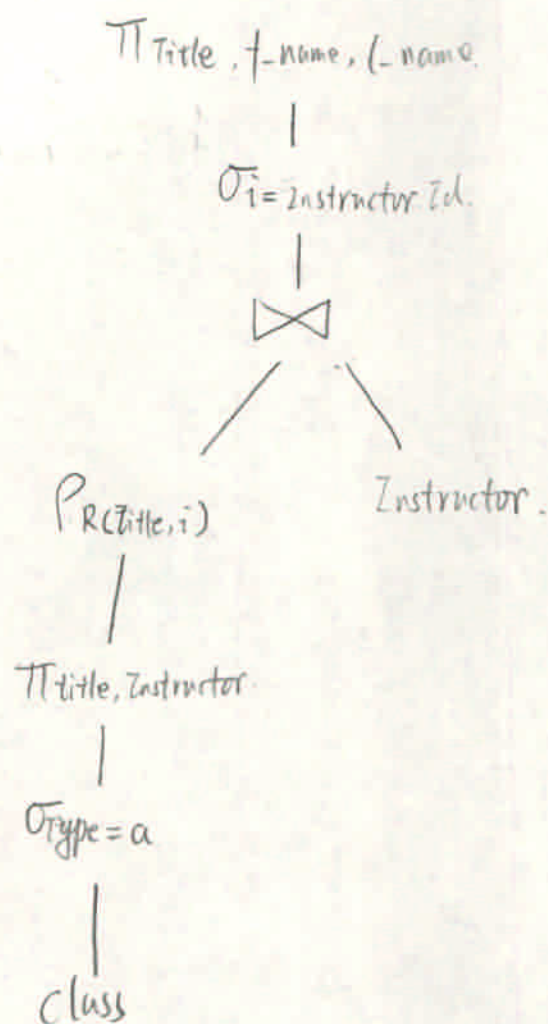
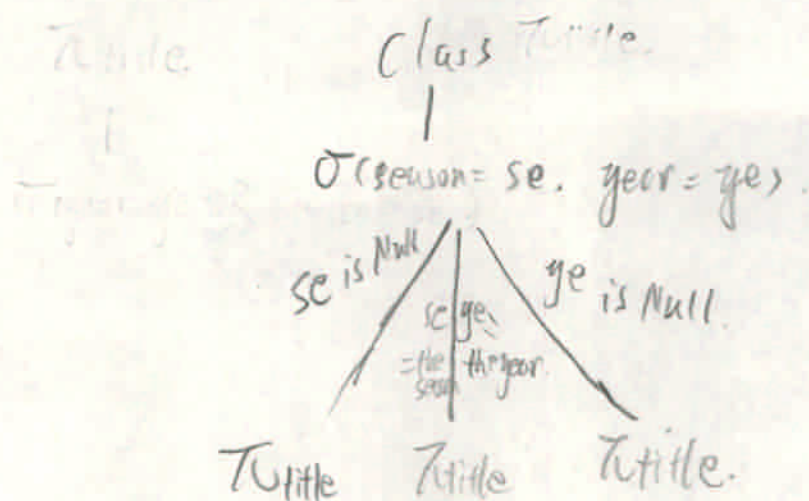


1.



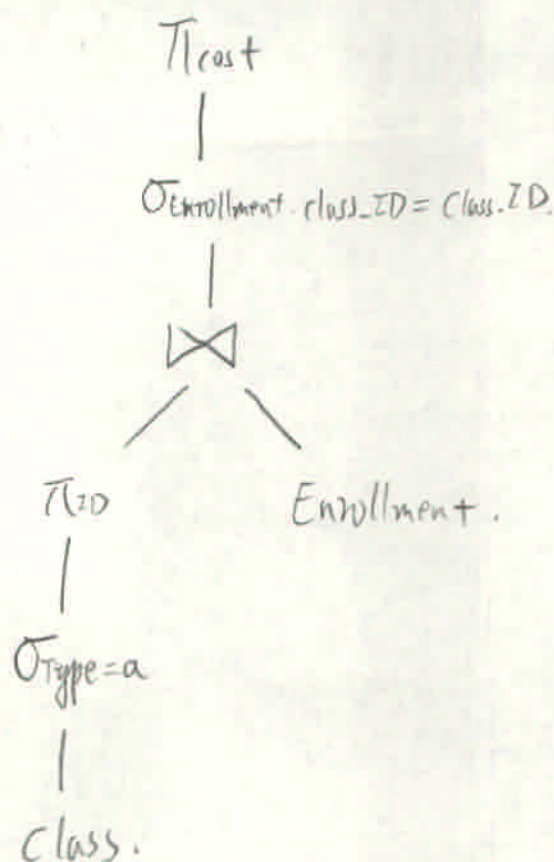
Xiaocheng Hou  
A20309864

2.



3.

Xiaocheng Hou  
A20309864



4.

$\pi_{f-name, l-name}$

|

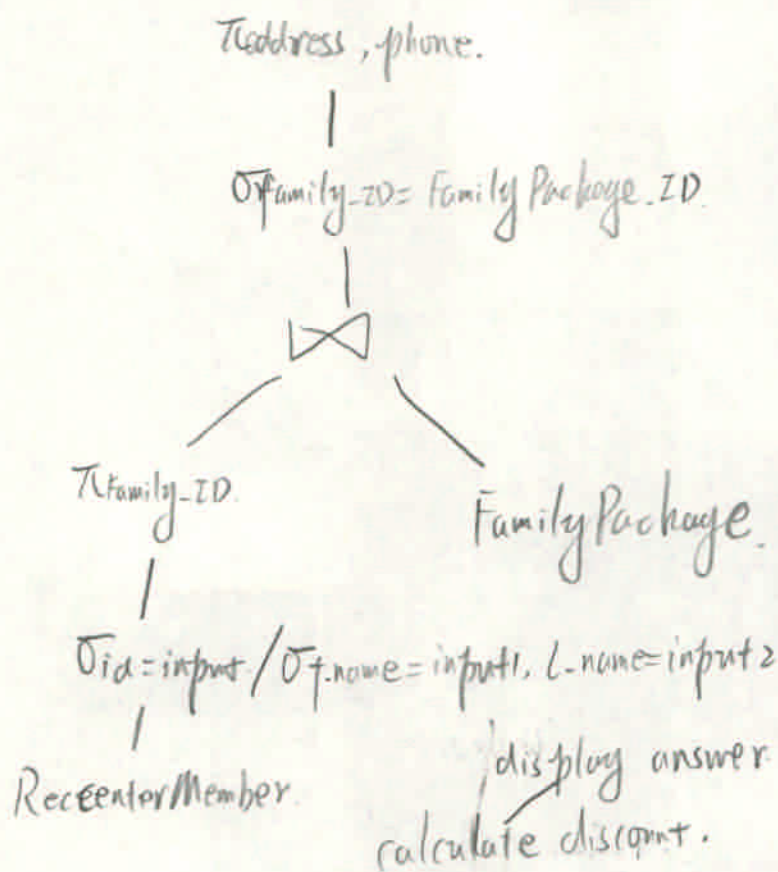
Instructor

$\pi_{f-name, l-name}$

|

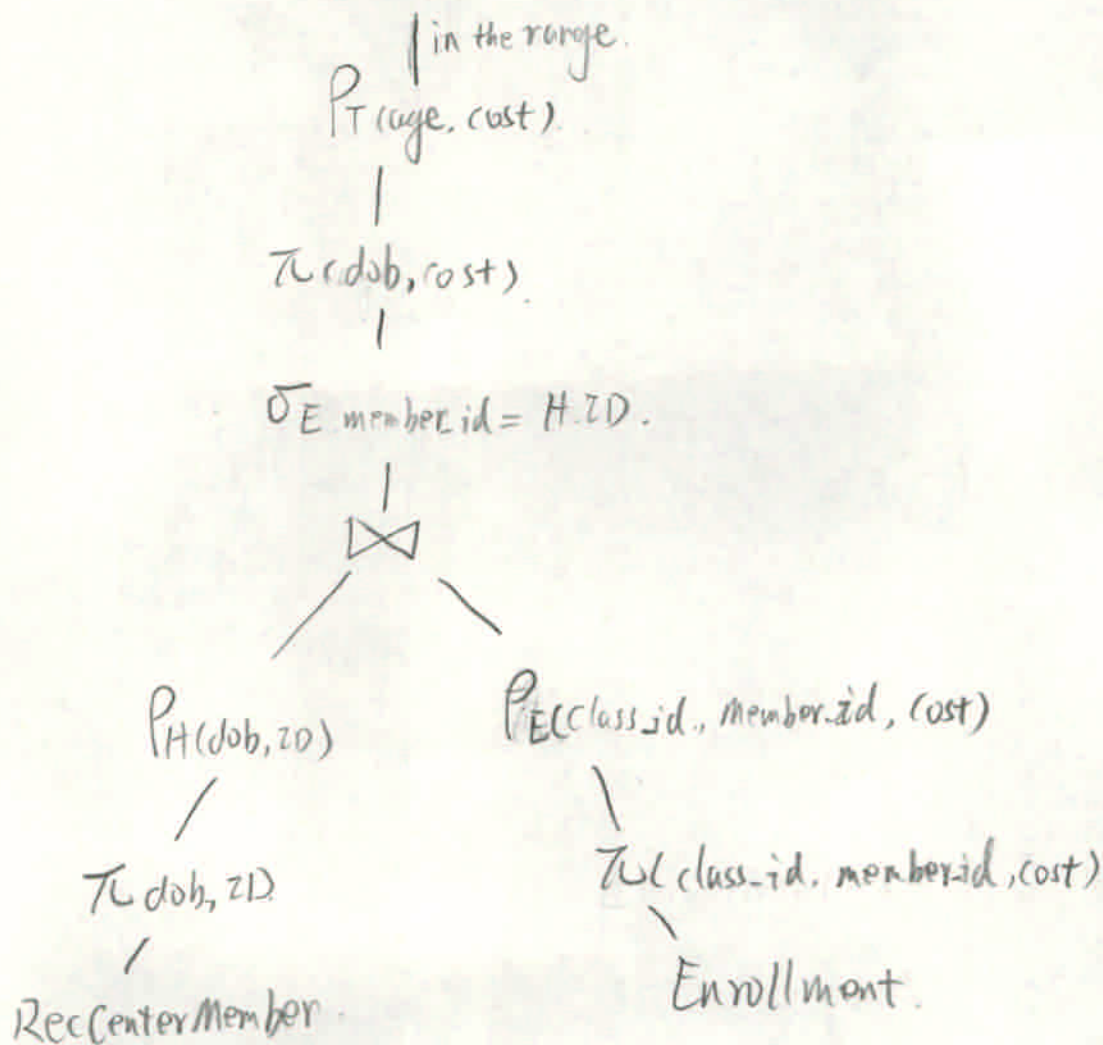
RecCenterMember

5.



Xiaochong Hou  
A20309864

6.



7.

$P_c(\text{class})$

$T_c.\text{instructor} = \text{input}$

$T_c(\text{title}, \text{instructor}, \text{season}, \text{year}) R_1$

Xiaodong Hou  
A20309864

$\text{map}(R_1, \text{year})$

$\text{map}(R_1, \text{season})$

$T_c(\text{title})$

Update to Table

$\exists \text{title IN Instructor.}$

update

No Update.