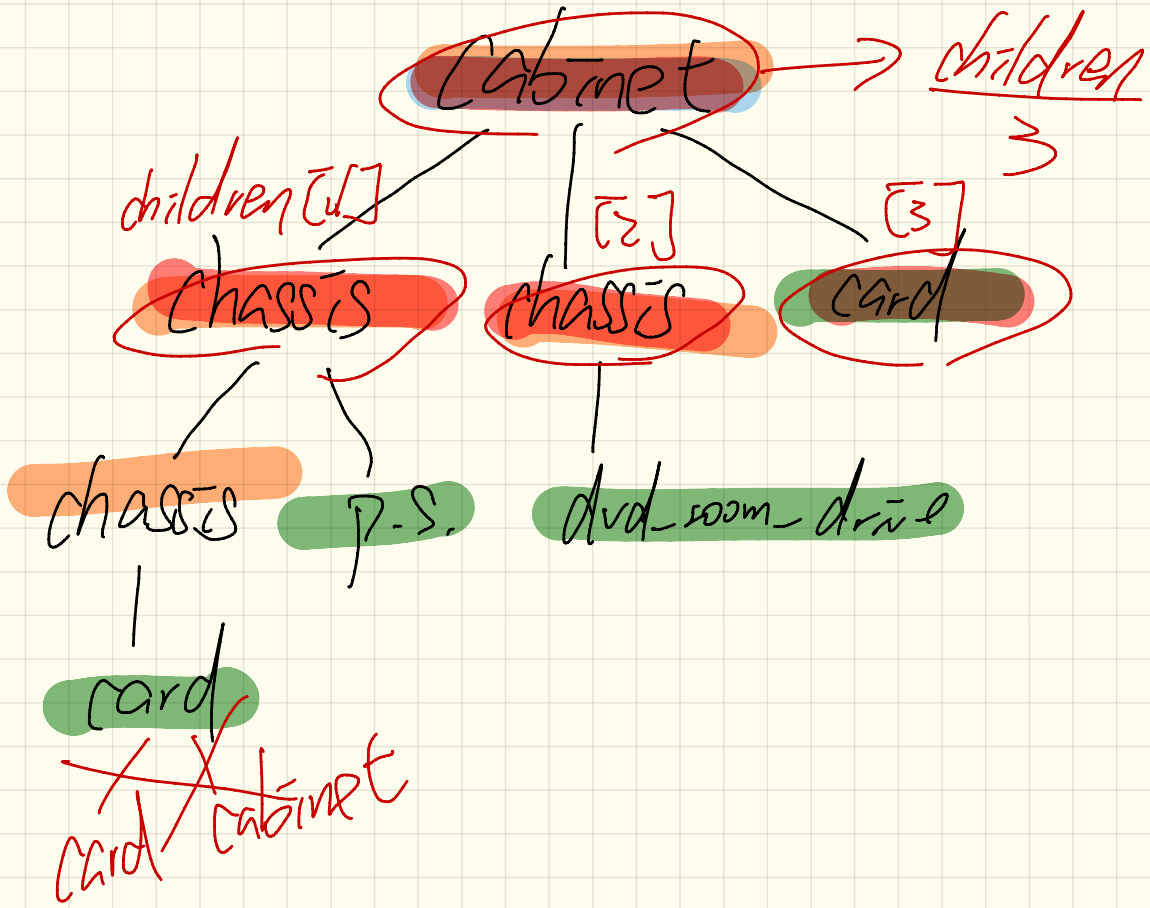
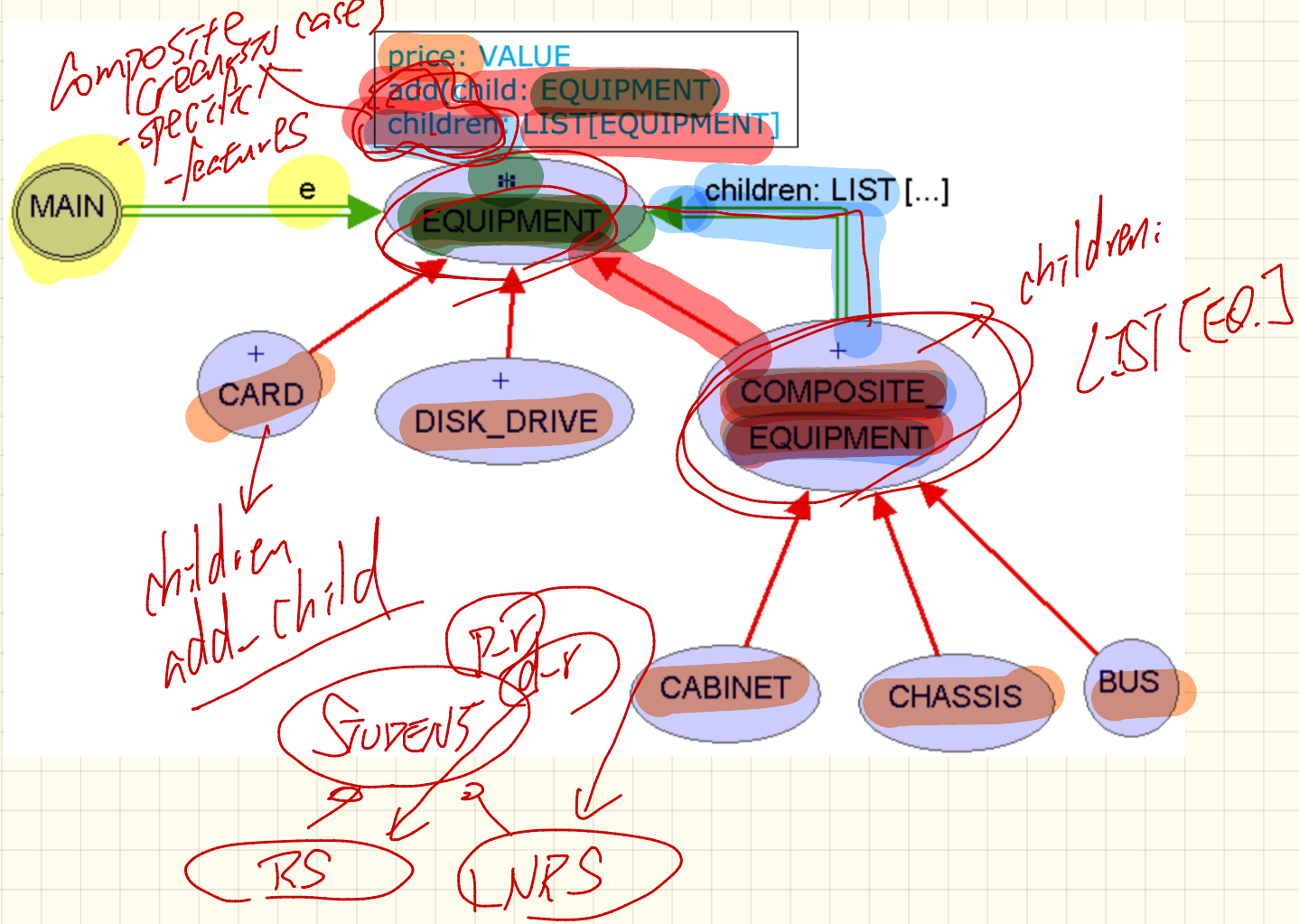
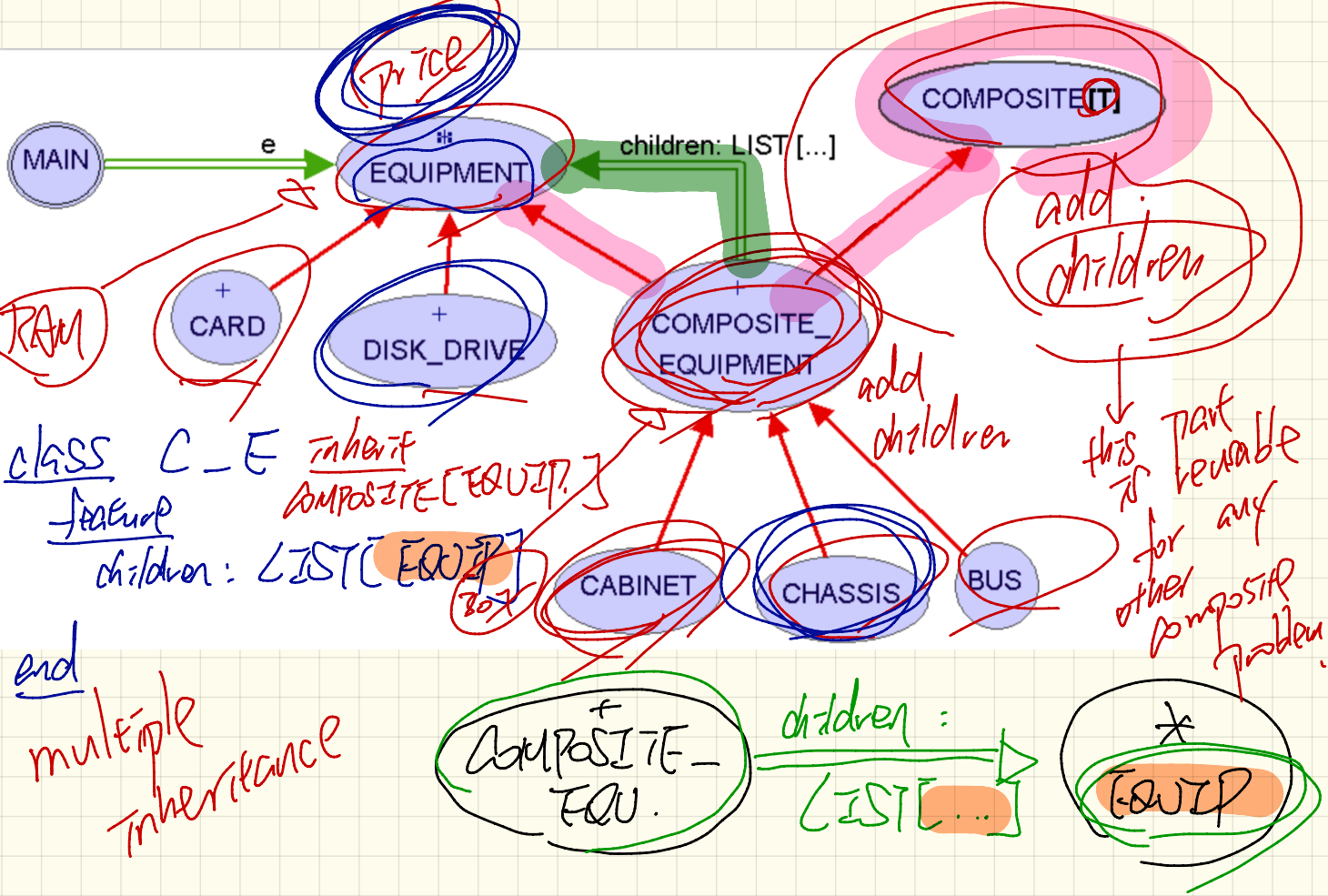


Lecture 16

Monday Nov. 6







`class C_E inherit COMPOSITE[EQUIP.]`

`feature children: LIST[EQUIP.]`

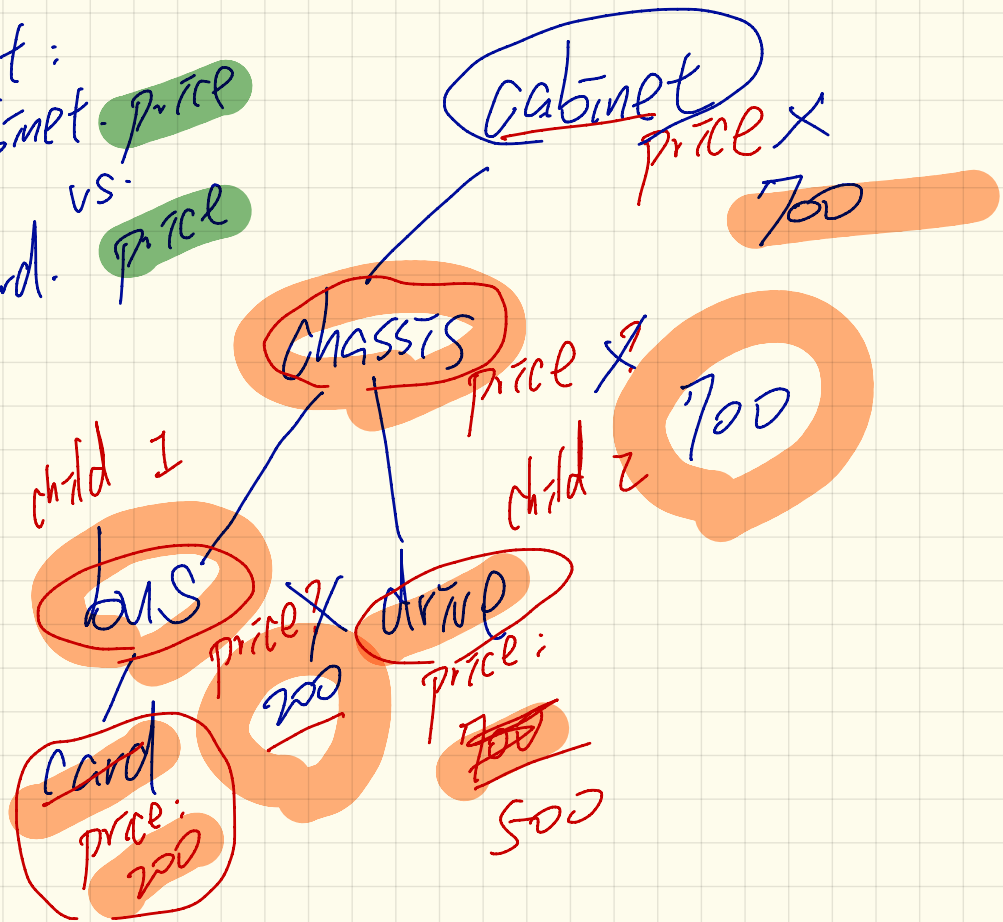
`end multiple inheritance`

`children: LIST[EQUIP.]`

`* EQUIP`

`this is part reusable for other COMPOSITE problem.`

client:  
cabinet. price  
vs.  
card. price



price?

Cabinet

price 1700

200

chassis

chassis

chassis

1000

500

200

bus

the 500

the 500

drive

price 500

card

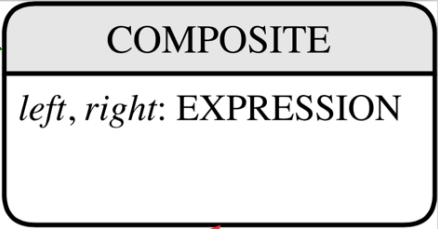
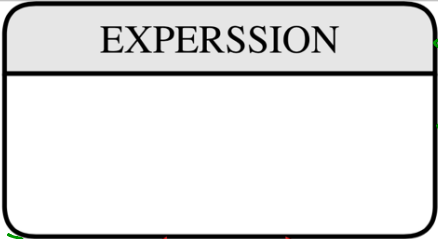
price 200

drive

price 500

drive

price 500



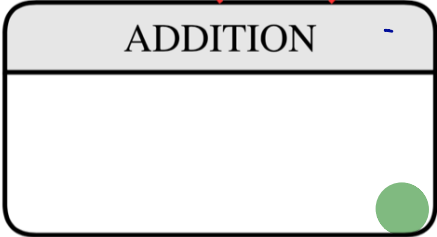
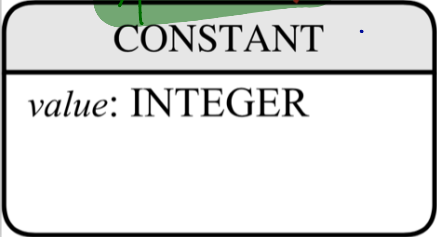
operations:

Evaluate: 343

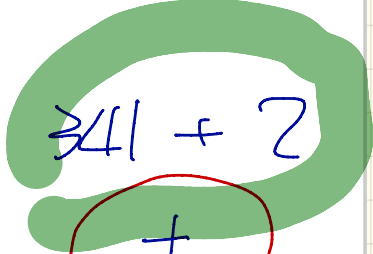
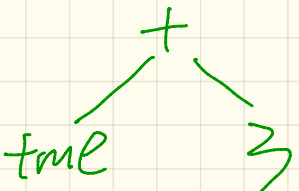
print-prefix: "+ 341 2"

print-postfix: "341 2 +"

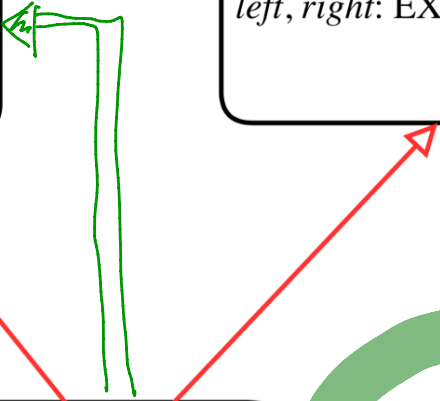
type-check: true



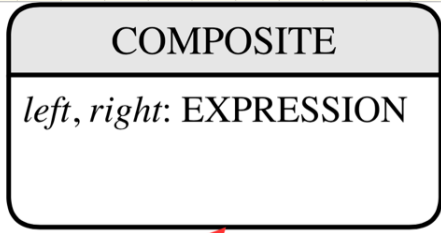
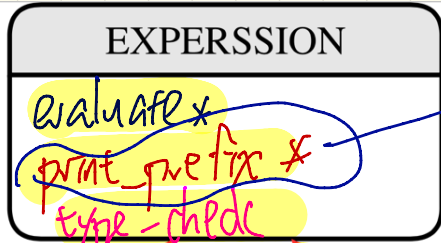
left, right



Structure is closed (stable)

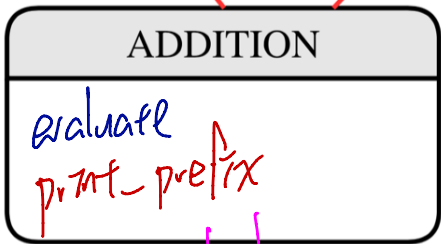
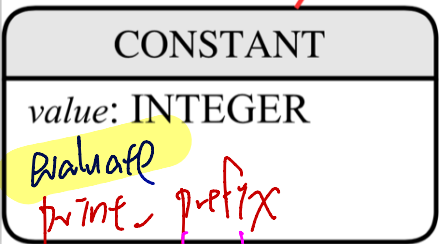


What's the purpose of a class?



not supported anymore

*generate*  
*op1*  
*op2*  
*op100*



*generate*  
*op1*  
*op2*  
*op100*

*type-check*  
*generate*

