

## AST Exercises:

1) True

2) ~~17~~

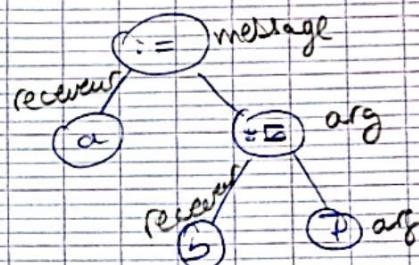
3) #(1 2 true)



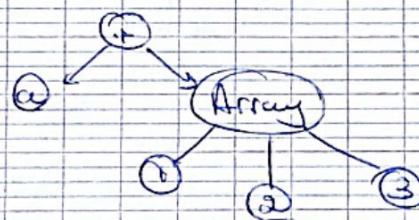
4) Yourself

self

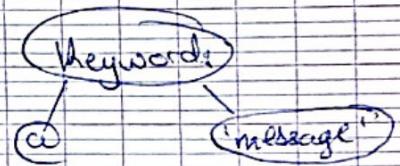
a := b := 7



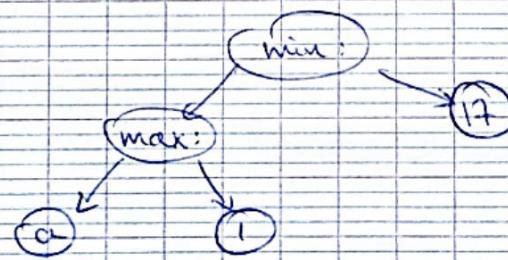
5) a + #(1 2 3)



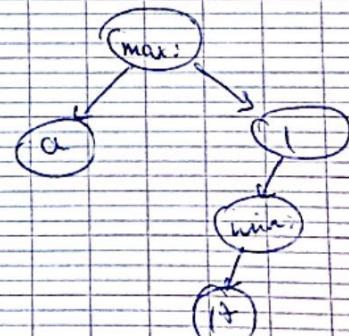
A keyword: "message"



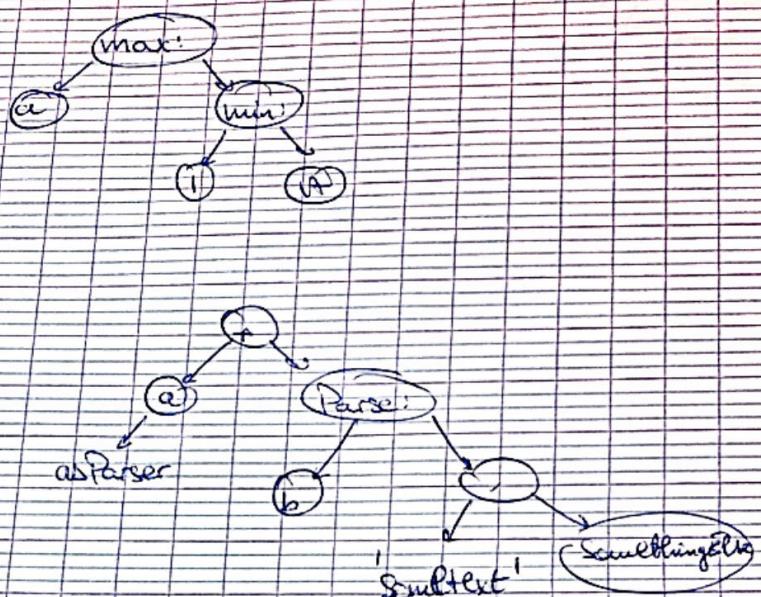
6) (a max: 1) min: 17



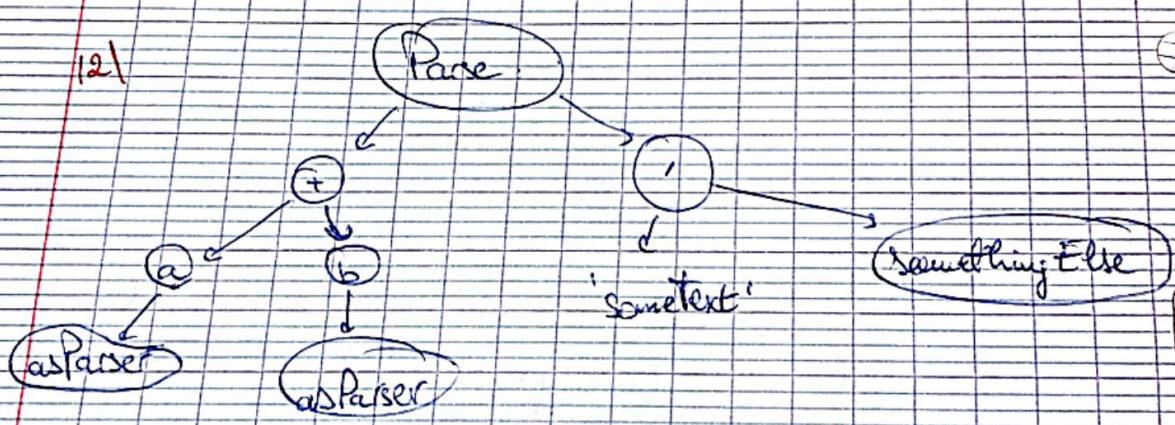
7) a max: 1 (min: 17)



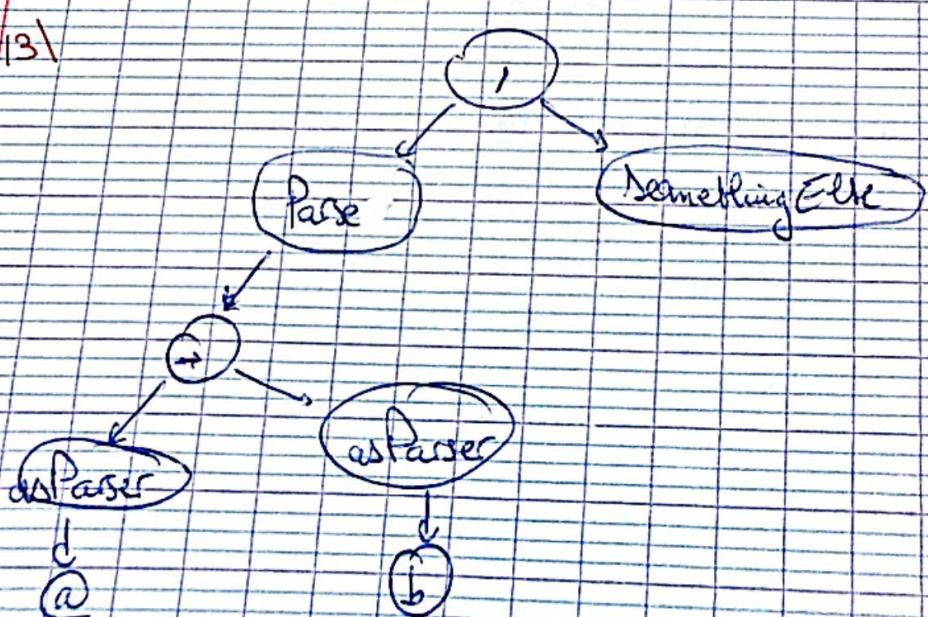
10) a max! min! 12



11)

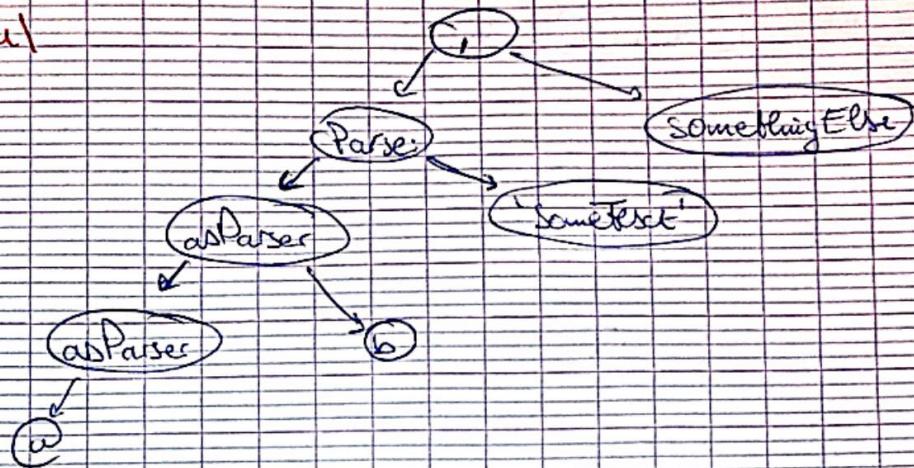


12)



13)

(u)



## II \ -Blocks:

1. [ : ]

①

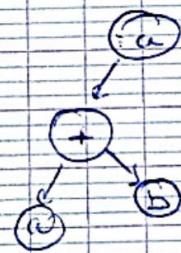
2. [ : a ]

② a

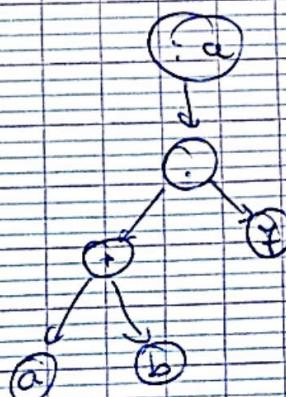
3. [ : a | a ]

: a → @

a [ : a | a+b ]

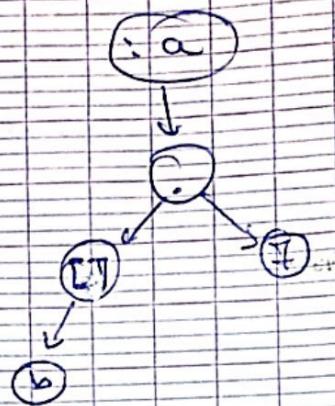


4. [ : a | a+b . ? ]



6)

[· · a | [b) - F]



Exercises methods:

1)

self

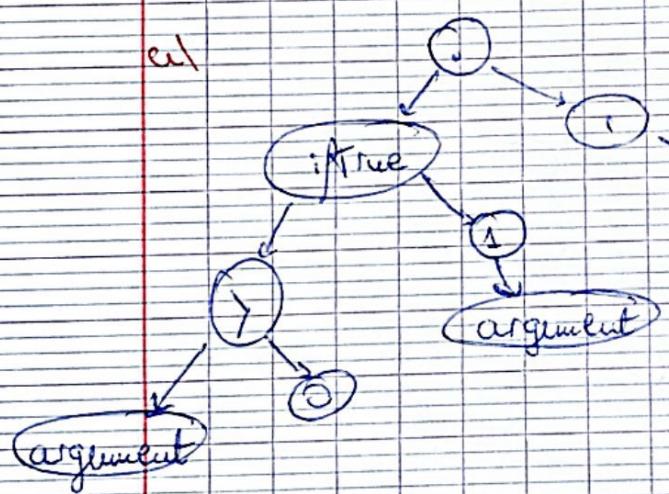
2)

self

3)

3)

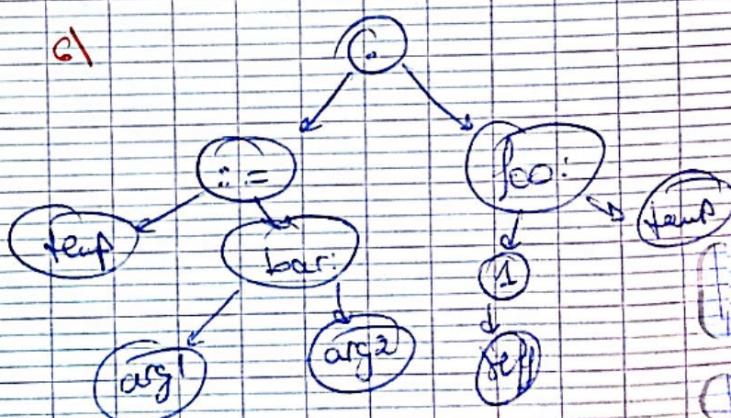
self



4)

strange  
d  
indentation

6)



## Exercises on Invalid Code:

- 1) The expression is not valid because when we use := we want to affect to its receiver the result of the result of the right exp so the left one must be a val and not a ... complete exp like (a+1)
- 2) the exp ^ is designed as a return exp not a numeric exp, we can't add a to a return
- 3) Same answer as 2.