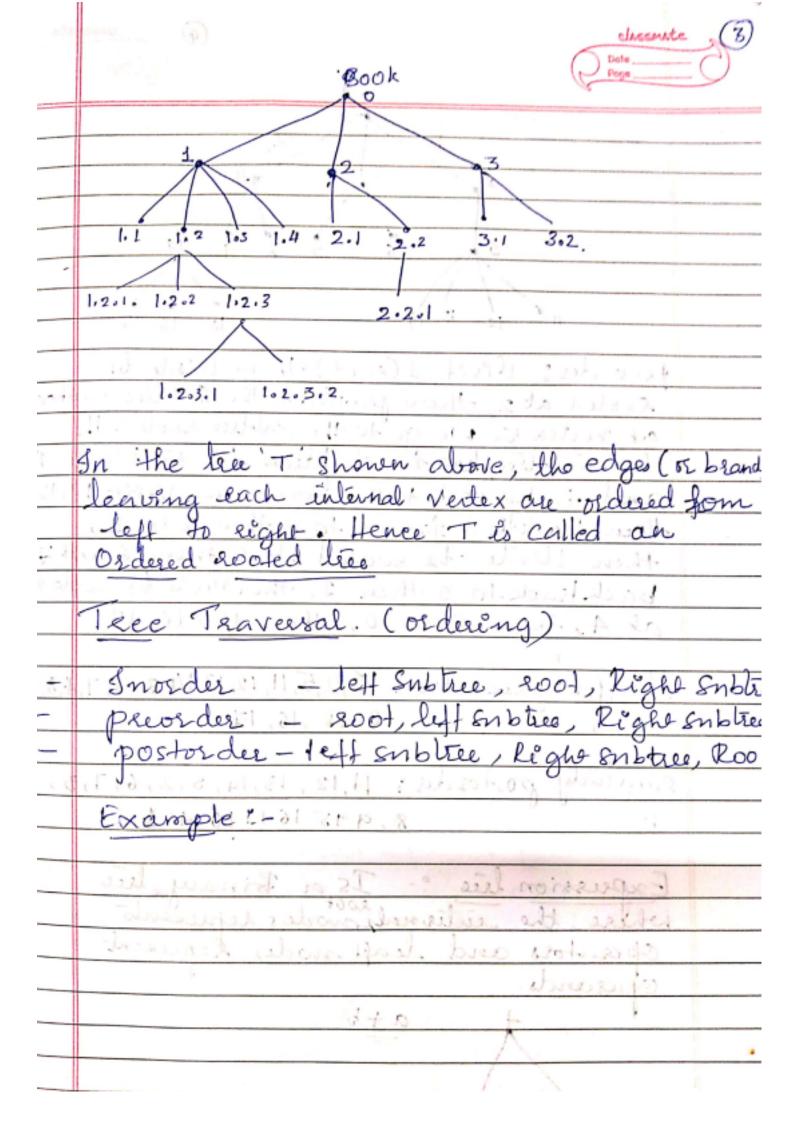
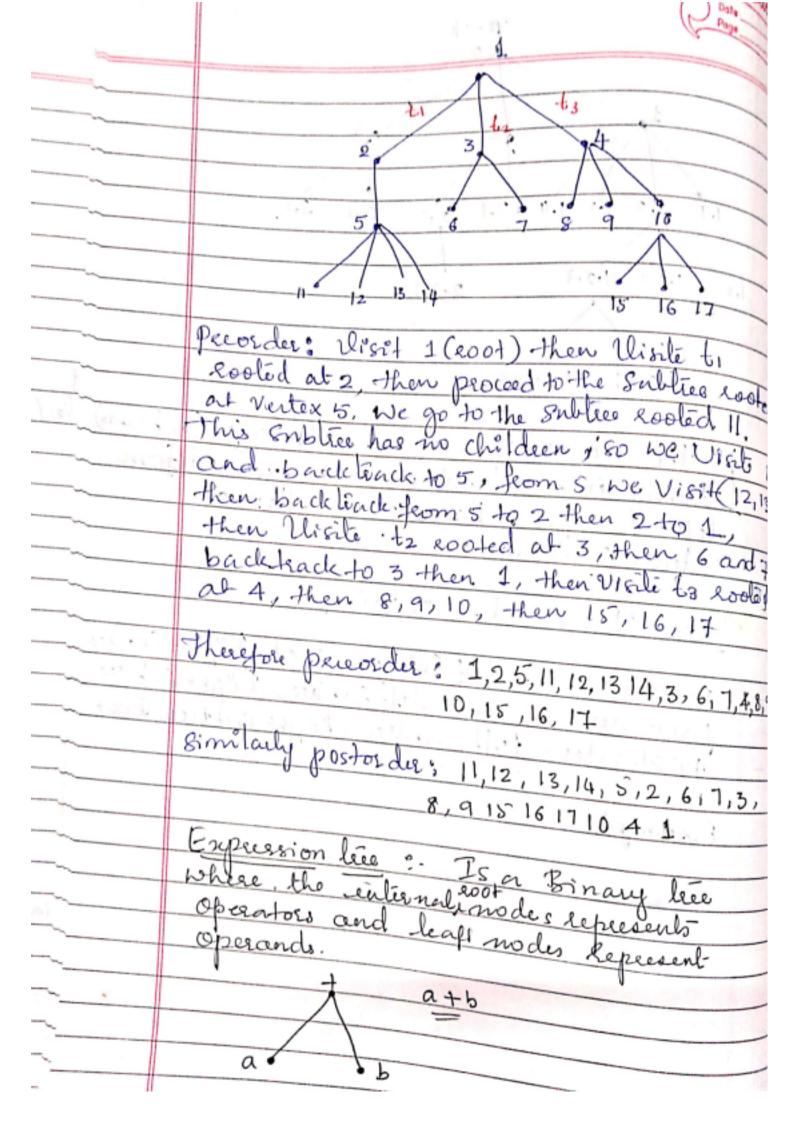
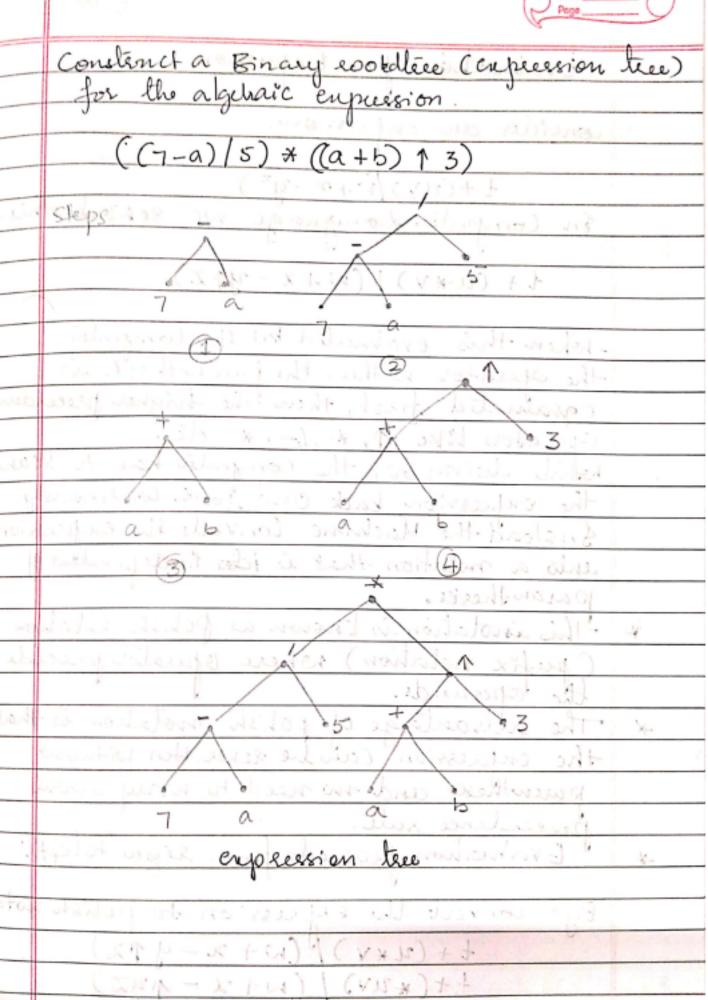


Scanned by CamScanner 2 -> woot node. P -> child mode. Ь u Veetex with ontdegree = 0 , u,v, y, 3, 2. internal vertices or bra mode. path is called the level of 8 from & lie - 945 are Childreno , W, & are descen vildren of same









Evaluation of a Expression Consider au enpression. En comporter dangnage we reweite The t + (u \* v) / (w + x - y1z) - when this evaluated by the Componler, the operator within the parantheses is equality first, then the higher precently Operators like 1, \* 1,-, \* de: while doing so, the comporter has to scu the enpression back and forth Continonely. Sostead the Machine Converts the enpression who a notation that is ide independently paran theree. This instation is known as polish notalion (prefix notation) where operator precede The advantage of pohish notation is the the enpression can be renter then without parentheses and no need to worry about presendence rule. Evahration proceeds from right toleft. Eg: convert the expression to polish notain ++(u\*v)/(w+x-y1z) ++(xuv)/(w+x-192) ++(\*uv) | (b+-x0yz



## + + / \* ar+n=x 142

Ket t=+, 21=2, V=3, W=1, X=9, y=2, 7=3 Substituting the relation.

+4/\*23+1-9/23 - 213-8

Smhales percendifion agas to left

+4/\*23+1-98

+4/\*23+11

+4/x232

9-8 =1

( Oses Stack)

14/62

2×3=6

+ 43

612 = 3

(M)4+3=7

Storiet Che

Order of thirt - 03742156

