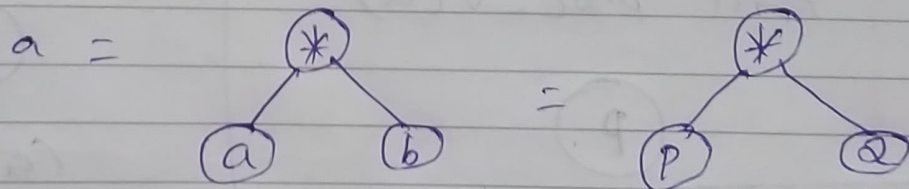


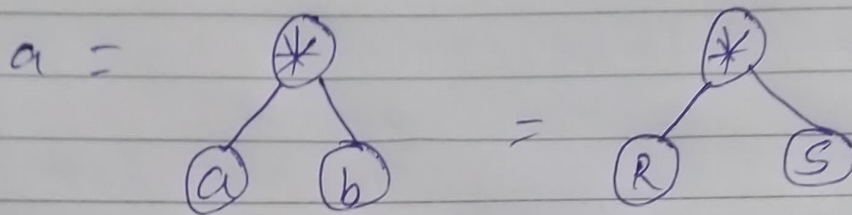
⇒ $P * Q + A * S$

- 1 Call Proc - E
- 2 Call Proc - T (a) (here 'a' represents P)
- 3 Call Proc - V (a)
- 4 Check next symb = <id>
- 5 build tree (<id>, -, -)
- 6 Node P created
- 7 Return tree
- 8 the while condition for '*'
- 9 call Proc - V (b) (here 'b' represents Q)
- 10 check next symb = <id>
- 11 build tree (<id>, -, -)
- 12 Node Q created
- 13 Return tree
- 14 Now a = tree build ('*', a, b) ('a' = P, 'b' = Q)



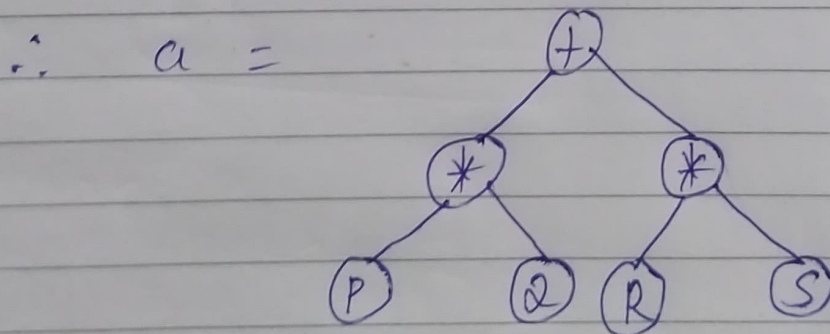
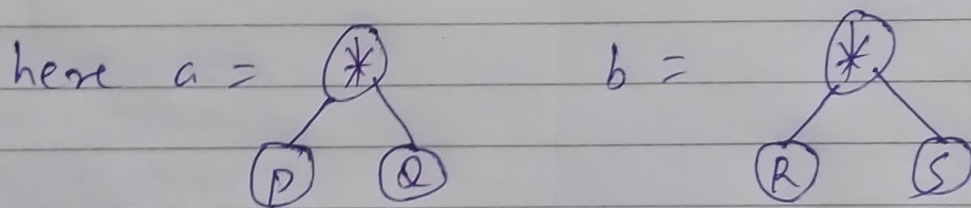
- 15 Return tree
- 16 While condition for '+'
- 17 Call Proc - T (b) (here 'b' represents R)
- 18 Call Proc - V (a) (here 'a' represents P)
- 19 Check next symb = <id>
- 20 build tree (<id>, -, -)
- 21 Node R created
- 22 Return tree
- 23 While condition for '*'
- 24 Call Proc - V (b) (here 'b' represents S)

- ⑦ check nextSymb = <id>
- ⑧ build tree (<id>, -, -)
- ⑨ node S created
- ⑩ Return tree
- ⑪ now $a = \text{tree build}('*', a, b)$ ($a = R, b = S$)



Return tree

- ⑫ now $a = \text{tree build}('+', a, b)$



- ⑬ tree-root = a
Return.