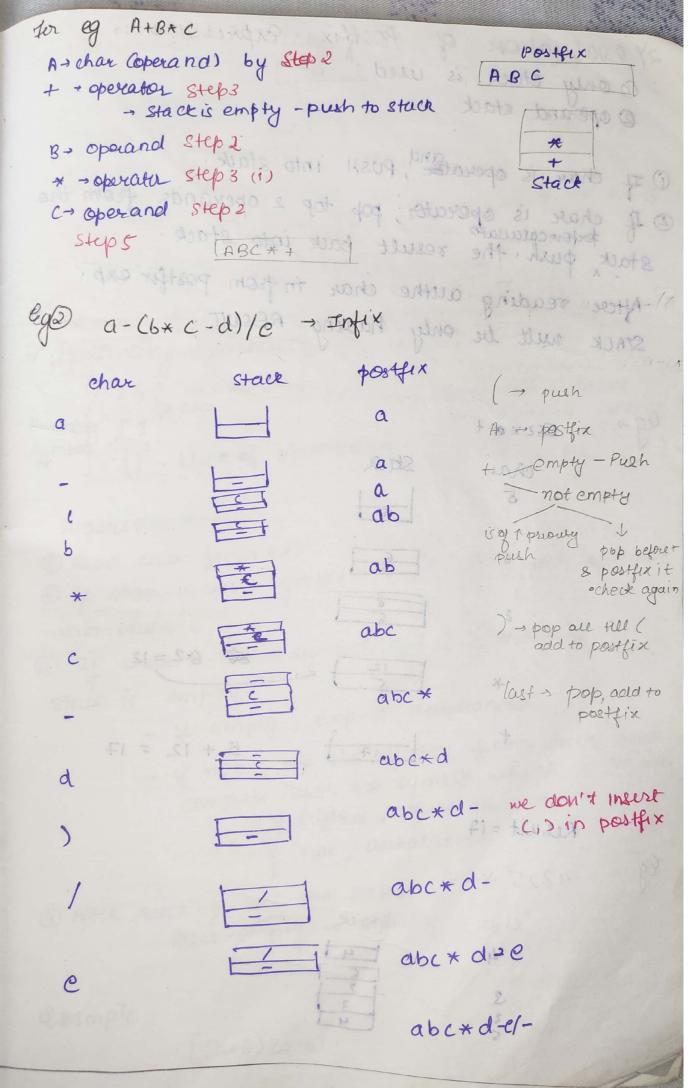
Applications of Stack 1) Infix App expression > operands > A, B, -- operato, >+ - * 1 - At Q color of coperand r coperator coperand r steuct node *next; B Prefix exp @ Prifix expression +AB (AtB) Duoupas (A+B) AB+ If conv of Inflix to postfix exp (Algorithm): STEPS -1) If the char is left parantheris, push to the stack. 1 If the char is OPERAND, add to the POSTFIX exp. (i) If the char is OPERATOR, check whether stack is empty.

yempty-push to stack. If not, check priority

(i) If priority of OPERATOR > OPERATOR present at

the top of stack, then PUSH the operator in the stack.

extraction of the priority of operator \le operator present at der at got TOP Of STOCK then total of start TOP of Stack, then pop the operator from stark and add to POSTFIX exp and goto 8fep (1) (4) If the char is RIGHT Paranthesis, then pop all the operators from the stack untill it reaches left par & acid to postfix 3 After reading all char, if stack is not empty then pop and add to postfix.



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