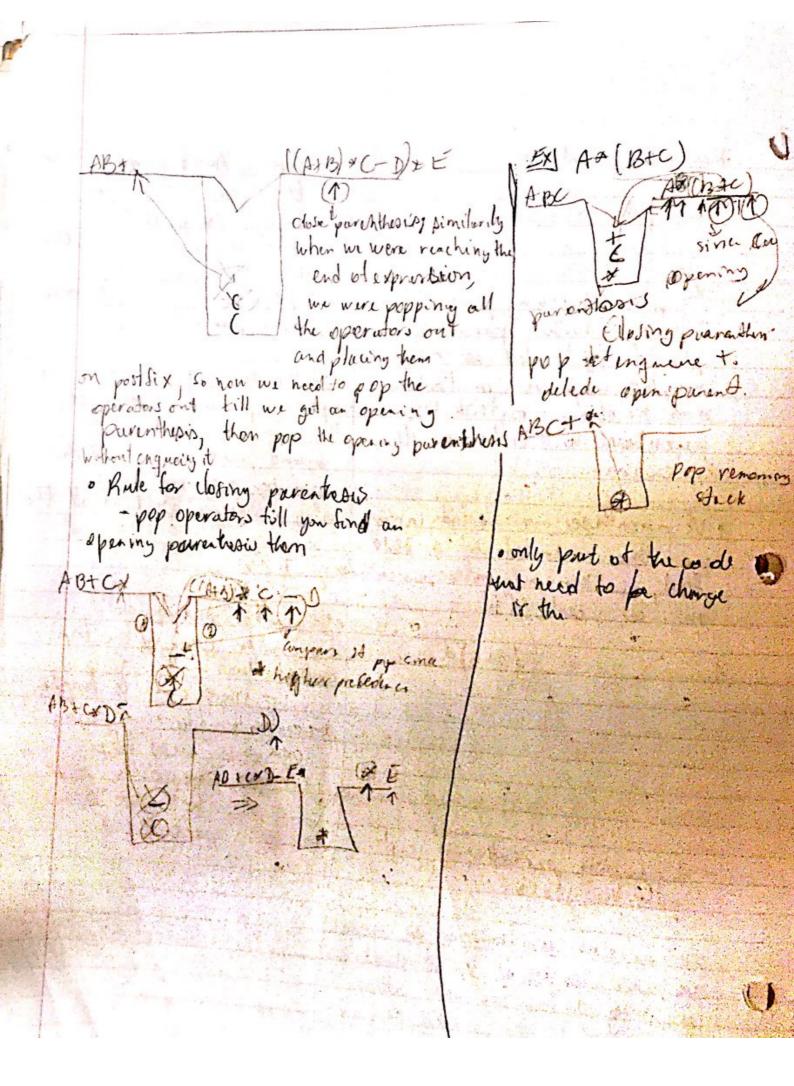


Scanned by CamScanner

Youdube shannel, myschool cope 0.51 54 TATA AM Playlist Data Fracture ABU Title ; intix to Postfix Proportions that, so of thent push to stock infix: A+ (B+C) Conjune with set Precedence of mul is higher so June of has higher gre leads + Pop x theo posthix A+(BC*) Portfix ABC * + Army operator in the stack having higher presedence than the one we looking it can be popped . In intix to postfix converpion the and plonced @ the post fin position of operands and operating expression may change but the order in which operand occur from left to it on exement in the stack right will not change. I the order of operator may change has porching on top of it then that domethony will always be of higher precedence ulen pointing @ -In past fix form we will always have the operators in the pume order in which they should be executed the end of the right operand for an operator a) if we get an operator of later precedence b) it we wrigh the end of the

o once we reach the and of the. expression us can pop for a peratorp (+ -) to the post ABGN+DEN. Pseude code opis aneni Intex To Pattex (exp) Stryng result empty) - Quene poller. crewte astack of Strings. to length capp -1) of 11 (Explicit's operand is char, token res. + = expect; postix inque () else it explip is operator hw Higher Pricedence (p tope), exp [1]) 3. pop() + revove the last climent. 3 Hand of while loop 30 push (exp Et]); Illend of for losp a fee and of it while (s. ompty()) reser is + S. Egr post fix. Enque (8. pop); gresult of 11 and of infertopolder - this does not

realcent without par centrese Now with paventherine we bould go on popping But now we need to foole (A+B) ACD) & E by & orly out the depot the stace to opening parenthous. with purentiesis any part of the Expression within parentheses should be treated as independent 1st we were getting an complete expression in itself. opening parenthese, then its , and no element outside the the boundary of the last parentheses will influence its apend perenthepes and tow l'accution. operator, does not have u emy intruence continuent that * It puranthese are neoted, inner perantheper is ported out or preside foot, and then only onthe purenthete can be y cool Ved. est yourse seeing on operator look & the top ((A)B) & C-D)AE of stuck - Morder tuck is higher precedence you can pop, it higher percentere pop - stop whe you see an open purentheses · it openhing parenthesis, push onto the stack. su l'au where we looking a operator we were looking at top of stack and perping a long we were getting reporator of hogher precedence



complete psendo sode Instituto Pattix (exp)

string reput municistring routhix create a stack of string S. for i= 0 to length exp. -1) while lin fix, sumply ()/ clast cyED & operator. Kake a token and to to para dit e and integer in atro catch blos partch will refuse tol S& hwhighe Prea(S, topU, exp[i]) I res & res 1 s. top] - postfix. engue (s. pop(s))

Jendob while lay. & pop at higher precenter bu push (captill) & been push to top of gonin parthersy Afferd of elm it close it expci] == (C) ||close it is openingerentus (lexp[i]) = more quies slee if exp[i] == i) is elsely is closing parentoses (exp(i))

while (s.empty() of ! topping parenters (Solog())) { rest = rest \$:lop for rost his eque(s. porc) s. pop() 5. prp () & oldete the openi parelathers in schock, 3 /and of the state July and of for loop firep e res + s. fop Spop return result.

umplete psendo coda Instituto Patting (Rep)

8 strong report among costrong routhing create a stuck of strong S for i= 0 bo length exp. - 1 hele lin for sumply () if experil is sperand is to be white take a token and try that e next e next e postfox. one is a tro catch bills and it experil a postfox. one is a tro catch bills and it experil and return to > while (! S. tryty U & ! Is preming Perentus (stop U) & hwhighe Preca (S. top U, exp [i]) I res & res & s. top | - postfix. enque (s. popes)

Jend of white lay. - pop at higher precenter by push (captill) & then push to top or going purthers) 4 thenot of clas 1. close it explid == (|| close it 55 openingarentus (lexp [i]) = more of Signsh (exp [[]) while (s.engty () Is! (Opening parenters (Solop ()) alse if eartis ==) { rest = rest & lop F Youl. hr. e.g. (S. pape) s. pop () 3. pape) (de oldete the apeni parelation instack, 3 Hand of the state It I and of for loop while (! s emply 2 reperos + s. for Spo p return result.

from 10 H to right, any closure should be for the previous branchesed purulesis Title: Check for balanced purentlesse · Any clodure should be for the noing stack. IN mclosed joutube thunnel; my xook ochoo! Published date: oct 28, 2013 [() ()] a scan the expression from left Balanced? Expredien to right o keep truck of all the unclosed (A+B) + (C+D) y yes parentheses as we scon any 100 - tuhen you ame accress of (x+9) + (e) No an opening symbol bodol it [203] +(A)] to a list. (puch do stack) - it closing on mb of 名42) No So compos JC No of the last element in the list. th Hall [()] to ting ([[]) last opening my mool of the last No u se is not of be some type as the lesting S closing symbol ar if then Every opening parenthepip musd find a closing conniterprents to its right egenn at all (list is empty)
step the whole process work Wesk devery who sing purenthepis must find an opening counterput to its left. venove, the bust byanny symbol in the lot I since matched s continue this whole of A parantheris com dose only when Kupro (bot) hast opened first cloped

Psoudo Goode check bodon ab perentless (strong tax) [()()] n = length (egg) crewto stack s list: amply for i =0 to n-1 list: [() it pelosing if up Ei] is 'C' or 'l' o'[' push (CXp Ei]) Mount expEct is " in B'on'y element in the list of same type at matches 2 it (sinxmpts) 11 remove (it) s now in to (5. top. due not jour with eap []) now 11st become return false + med bulmer, 10003 class //mod dis 11st: [E France lob() 1:31:5 Tromore y Hoend od for retur sisemply? true: false List: empty ive will always on of my with un check for empty list. Candbold. is operanced to (4 - not walked V taken care by it works. ((ended has then suche knight il previo fact my cate of while vi made Charment = @ next I would be invided had adtor) of sorps hot valid curry sunnist = 13 - I genela relact but

erde of aprabu 1) Parentheres () [3] [7] Right allowinhow
2) expensato (right to left) 231;
3) multiplicate 8 division (left to right) —1
H) Addition on sus (left to right)

Exp 4-2 +1 Wellika Preorder: t *2-71 + 3 q morder; 2*7-1+3* 9 271-0 394+ Ad order : Potfix; 271-43944