Karthik Deepalc
1BM 19CS 200 [D-Z] 5-10-2020
D Section
The second of th
Infix to Postfix Psrudo Code
In L'u to Paul Gy (Oxn)
In fix to Postfix (exp)
Coasta a Stancelo S
for i < -0 to length (exp)-1
2
y exp (1) in operands
nes - hest empli
else y expli) is operament
if exp[i] is operands nes <- nes + exp[i] else y exp[i] is operands while (Is.empty C) && Hostiger Phe (S. top L). exp[i]) £
max (- max + < towl)
5.pop()
S. punh Cexp[i])
else'y Sopening Panenthiesis (explis)
S. piwh (exp (1))
S. push Cexp[i]) else i S. push Cexp[i]) S. push Cexp[i]) else i Is Closing Parenthesis (exp[i])
3
While (15. empty () && 1 ls Opening Panenthuser Es. top ()
nes_nes+ Stop()
S. pop ()
3
S, pop()
3
7

while (15 empty ()) Thes Z-mo + S.top D

S.pop D Cycil alleituta i 2 noturn 1205 1 - Cyrs) 1- 12000 OF 0 - 2 1 past ELIPTO FORE - WIE Between a Citys Linds Opt 3 + ver - 2 dus 0,000,3 (1 1810) day : (Light rythom) paragon by ((1) pro) resigns
((1) pro) re refund group of the Oppins 21) shites Opk For Just

	Algonithm
	Push ("onto stack and add")" to the ord of X. Scan x prom left to right and hopeat stop 3 to 6 for each element of x unit the Stack is empty
	If an operand is encountered, add it to y If a left parenthesis is encountered, push it into Stack If an operation is encountered then
	Repeatedly pop from Stack and add to Yeach Operation (on top of Stack) which has the same procedure as on higher procedure than operato Add operator on to Stack
6	If a night porenthesis is encounted
	The peatedly pop from Stack and adds to Yeach operator (on the top of black until the left parenthuis is encountered end of it and of it. End