Evaluation at Postfix Expression

Evaluation of Postfix Expression

Th: 
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Algorithm
to
Evaluate Costfix
Expression

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Algorithm
to
Evaluate Postfix
Expression

Hint.

(1) Postfix Expression

not required

Precedence

Associativity

Brackets

X

of many

Construction

Expression

Of many

Of many

Of many

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Of many

- (1) create on Empty struck, St
- 2) Traveric Hrough Every lymbol & of given patrix
  - a) if x is a broad, run to st
  - b) die (x is operator)

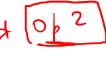
(2) Robert At- top();



0/p:

$$\frac{1}{2} \frac{0}{10} = \frac{2}{3}$$

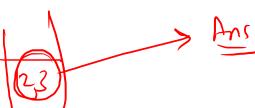
Opl



(0 2



$$20 + 3$$



- (i) create on Empty struck, It
- 2) Traveric Hrough Every lymbol & of given pathix
  - a) if x is a sproand, put to st
  - b) die (x is operator)

$$\Rightarrow 0 \mid 2 = n \cdot \{op(); n \cdot pop(); n \cdot pop(); n \cdot pop(); n \cdot pop(); n \cdot pop();$$

$$\rightarrow (0)^2 = \pi. + (0); \pi. + (0);$$

- -) Compute opl x op2 and push the recent to St.
- 2 Robern At top();

Input lymbol	Stack
10	(70)
2	
*	$10 \times 2 = 20$
3	3 20 (5)
5	
J	$ \begin{array}{c c}  & 20 \\ \hline  & 3 \times 6 = 16 \\ \hline  & 2 \end{array} $
+	
9	35 9-26
<del>-)</del>	

- () create on Empty Stack, St 2) Travair Maroush Every lymbol & of given patrix

  - Compute opl x op2 and push the recent to St.

    (2) Return 1+ top();

102222

Input lymbol	Stack	
10	10	
2	12/10)	
2	2/2	
^	7 = 4	
^	1017 = 100	200
	And (cool)	7

- (i) create on Empty struck, It
- 2) Traveric through Every lymbol & of given pastfix
  - a) if x is a operand, put to st
  - P) die ( x is oborgos)
    - $\rightarrow 0$ /2 = n. for(); n. por();
    - -> op1 = x. top(); x. pop();
    - open to st.
  - 2 Robern At top();