

S1_01 Data Structures And Algorithms : Subject Content

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Input expression: (A + (B – C) * D)				
lack	Current Input symbol	P_TOS(TOS) > P_INP(symbol)	Postfix expression	Remarks
#	(-1 ≠ 9 → push('(')		Precedence of TOS is less than the current input symbol '('
(#	A	0 ≠ 7 → Push('A')		Precedence of TOS is less than the current input symbol 'A'
A (5 .1 3	8 > 1 Postfix_expr = pop()	А	Precedence of the TOS is greater than the precedence of the current input symbol '+'
(#	. + .	0 ≠ 1 → Push('+')	A	Precedence of TOS is less than the current input symbol '+'
+ ((2 ≠ 9 → Push('(')	A	Precedence of TOS is less than the current input symbol '('
(+ (#	В	0 ≠ 7 → Push('B')	A	Precedence of TOS is less than the current input symbol 'B'

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 $< Conversion of an Infix to Postfix Expression Demo \ (/?q=MULNCourse Book/list Detailed CB Learning Contents/178099/cidb/full/view/153700/431513/431502/39729) \\$

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