



Constructing an expression tree
 Here, we will discuss an algorithm for constructing an expression tree from a postfix expression. In case an expression tree is to be converted from infix expression, infix expression should be converted to postfix.

Algorithm:
 We read our expression one symbol at a time. If the symbol is an operand, we create a one node tree and push a pointer to it onto a stack. If the symbol is an operator, we pop pointer to two trees T_1 and T_2 from the stack and form a new tree whose root is the operator and whose left and right children point to T_1 and T_2 respectively. A pointer to this new tree is then pushed onto the stack. As an example, suppose the input is $a+b*c+f$.

