

```

create Stack (Stack)
loop (for each char in formula)
  if (character is open parenthesis)
    pushStack(Stack, character)
  else if (character is close parenthesis).
    concatenate charac to post fix exp
    popStack(Stack, character)
  end loop.
  else if (character is operator)
    StackTop(Stack, top token).
    loop (not empty Stack) (Stack)
    AND priority(character) <= priority (top token)
    popStack(Stack, token out)
    concatenate token out to post fix Expr.
    StackTop(Stack, topToken)
  end loop.
  pushStack(Stack, token)
  else
    concatenate token to post fix Expr.
  end if
end loop.
loop (not empty Stack(Stack))
  popStack(Stack, character)
  concatenate token to postfix exp.

```

end loop.

return postfix

end in To Postfix.