

Pseudo Code: INFIX TO POSTFIX

CONVERT INFIX-POSTFIX(EXP)

{

CREATE A STACK S

for (i=0 upto length(exp)-1)

{

→ if exp[i] is operand

result = result + exp[i]

→ else if exp[i] is operator

{ while (isempty() && has higher priority than s.top)

{

result = result + s.top()

}

s.pop()

s.push(exp[i])

→ else if exp[i] is '('

s.push(exp[i])

→ else if exp[i] is ')'

while (isempty() && is opening par (s.top())

{ result = result + s.top();

s.pop();

}

}

while (isempty())

{

result = result + s.top()

s.pop()

}

return result;

}