Infine to Postfix Conversion Using Drack.

Infin Enpression:

An infine enpression can be represented

as: if a, b as operand => acoperator> b

e.g a+b

posfin operation:— can be represented

as: a beoperator>

e.g a b+

Priority order: (highest to (nw))

(D. 'n'

(3) '+','-'

Rules ! - / Algorithm (cambe)

-> start by insesting 'E' in thestack.

-> if character == operand,

put it in postfin empression

> if character == operator,

Put it in stack.

-> if scanned operator priority (eg'*)> top operator priority (e.g+"), push in stack > If scanned operator priority egtil top operator mority eg" *", pop till priority [scommed] becomes > priority [top] > if ')', encountered, pop till '(" Excample - (A+B/C*(D+E)-F) Postin Expression

Symbol State

((+1 ABC C+1 C+* ABC/ C+*(ABC/ Ctox C ABC/D C+*C+ ABC/D FHACT ABCIDE Here it is ABC/DET and It moved There ABC/DE+++ E- ABC/DE+*+F (-) (closel) ABC/DE+*FF