Application of stacky;

- 1) infine to postfine
- 2) Balanding of paparatheris
- 3) Evaluation of an expression.
- Operatory, operandy.

EMPLUSION: A+B

A*B+C*D

A+B+C+O.

infix: < operand> operator < operand>

2) POSTER EXPLOSION

<operand1> < operand 2> < operation>

- operator < operand > < operand 2>
- Steps:
 - @ If the Character is lest parantheris, Push to the stack
 - (b) " is an operand, Add in to the Past-Aix expression.
 - © If the character is an operator, check whether the stack is empty.

1) If the stack is empty, push operator In to

- 1) If the stack is not empty, the cir the priority of the operation.
 - i) If the priority of the operator > operator > present at the 'top' of the stack, these push operator into the top of the stack.
 - ii) If the propriy of operator operator prevent at top of the stack, then pop the operator forom stack and ADD to POST-FIX expression expression goto step (i)
- d) If the character is right parameters, then
 POP all the characters operatory from the street
 with it reachy left forantherry and add to
 Postfish expression.
- e) After reading all characters if stack is not empty, then pop and add to Post-fix expression.

Examples:- a-(b*c-d)/e		
character	Stack	POSHAX
a -		a
(-	a
Ь		ab
Þ	The state of the s	ab
C	\ \text{\rm }	abc
_		abc *

