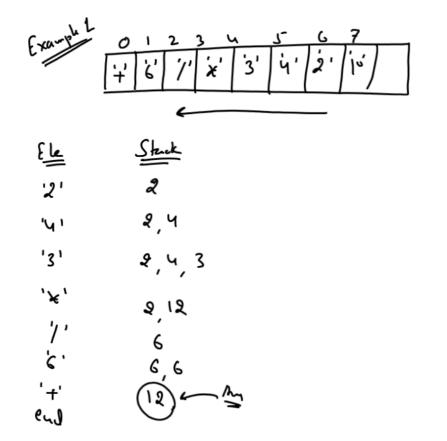
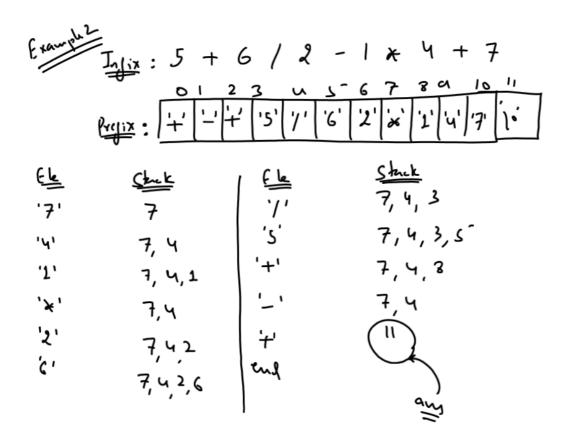
EVALUATING A PREFIX EXPRESSION





Algorithm For Evaluating A Prefix Expression

- 1. Scan the given PREFIX expression from RIGHT to LEFT, one character at a time.
- 2. Check whether it is an OPERAND or OPERATOR.
- 3. If it is an OPERAND then PUSH it in the STACK and goto STEP 5.
- 4. If it is an operator then:
 - a. POP the top 2 elements from the STACK
 - b. Apply the operator on them
 - c. Push back the result in the Stack
- 5. Repeat the above steps until the PREFIX expression finishes.
- 6. POP and return the last and only remaining element from the STACK which is the answer of the expression