

Prefix Evaluation

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- 1) Start scanning the prefix expression from **right to left**
- 2) If current element is an operand

Push it onto the stack

Else

If current element is an operator

- Pop two elements (operands) from the stack.
 - **1st popped element will be 1st operand : op1**
 - **2nd popped element will be 2nd operand : op2**
 - Perform cur element operation between op1 and op2
Result = op1 opr op2
 - Push back result onto the stack.
- 3) Repeat the above steps till end of prefix exp.
 - 4) Pop final result from the stack.

Prefix exp : +-+59*4-8/62\$1-73

Current element :

Op1 : -6

Op2 : 1

Result : = -5

Result =

