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## Evaluate Expression

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Evaluate the value of an arithmetic expression in Reverse Polish Notation.

Valid operators are  $+$ ,  $-$ ,  $*$ ,  $/$ . Each operand may be an integer or another expression.

### Input Format

The only argument given is character array A.

### Output Format

Return the value of arithmetic expression formed using revers

### For Example

Input 1:

A = ["2", "1", "+", "3", "\*"]

Output 1:

9

Explanation 1:

starting from backside:

\*: ( )\*( )

3: ()\*(3)

+: ( ( ) + ( ) )\*(3)

1: ( ( ) + (1) )\*(3)

2: ( (2) + (1) )\*(3)

((2)+(1))\*(3) = 9

Input 2:

A = ["4", "13", "5", "/", "+"]

Output 2:

6

Explanation 2:

+: ()+()

/: ()+(( ) / ( ))

5: ()+(( ) / (5))

1: ()+((13) / (5))

4: (4)+((13) / (5))

(4)+((13) / (5)) = 6

See Expected Output

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Yes

No




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