

Q2. Evaluate Reverse Polish Notation

SOURCE CODE:

```
</> Code
C++ Auto
1 class Solution {
2 public:
3     int evalRPN(vector<string>& tokens) {
4         stack<int> st;
5         for(string t:tokens){
6             if(t=="+" || t=="-" || t=="*" || t=="/"){
7                 int b=st.top(); st.pop();
8                 int a=st.top(); st.pop();
9
10                if(t=="+") st.push(a+b);
11                else if(t=="-") st.push(a-b);
12                else if(t=="*") st.push(a*b);
13                else if(t=="/") st.push(a/b);
14            }
15            else{
16                st.push(stoi(t));
17            }
18        }
19        return st.top();
20    }
21 };
Saved
Ln 1, Col 1
```

ACCEPTANCE STATUS:

Testcase Test Result

Accepted Runtime: 0 ms

Case 1 Case 2 Case 3

Input

tokens =
["2", "1", "+", "3", "*"]

Output

9

Expected

9

Contribute a testcase

Q3. Baseball Game

SOURCE CODE:

```
</> Code
C++ v Auto
1 class Solution {
2 public:
3     int calPoints(vector<string>& operations) {
4         stack<int>st;
5         for(string op:operations){
6             if(op=="C"){
7                 st.pop();
8             }
9             else if(op=="D"){
10                st.push(st.top()*2);
11            }
12            else if(op=="+"){
13                int a=st.top();st.pop();
14                int b=st.top();
15                st.push(a);
16                st.push(a+b);
17            }
18            else{
19                st.push(stoi(op));
20            }
21        }
22
23        int sum=0;
24        while(!st.empty()){
25            sum+=st.top();
26            st.pop();
27        }
28        return sum;
29    }
30 };
```

ACCEPTANCE STATUS:

Testcase > Test Result

Accepted Runtime: 0 ms

Case 1 Case 2 Case 3

Input

operations =
["5","2","C","D","+"]

Output

30

Expected

30

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Q4. Remove All Adjacent Duplicates in String

SOURCE CODE:

```
Code
C++ Auto
1 class Solution {
2 public:
3     string removeDuplicates(string s) {
4         string result="";
5         int i=0;
6         while(i<s.size()){
7             char c=s[i];
8             if(!result.empty() && result.back()==c){
9                 result.pop_back();
10            }
11            else{
12                result.push_back(c);
13            }
14            i++;
15        }
16        return result;
17    }
18 };
Saved
Ln 1, Col 1
```

ACCEPTANCE STATUS:

Testcase Test Result

Accepted Runtime: 0 ms

Case 1 Case 2

Input

s =
"abbaca"

Output

"ca"

Expected

"ca"

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