

# Evaluate Reverse Polish Notation

```
class Solution {
public:
    int evalRPN(vector<string>& tokens) {
        int i;
        int left;
        int right;
        int curr;

        stack<int> st;

        for (i = 0; i < tokens.size(); i++) {
            if (tokens[i].compare("+") == 0) {
                right = st.top();
                st.pop();
                left = st.top();
                st.pop();
                curr = left + right;
                st.push(curr);
            } else if (tokens[i].compare("-") == 0) {
                right = st.top();
                st.pop();
                left = st.top();
                st.pop();
                curr = left - right;
                st.push(curr);
            } else if (tokens[i].compare("*") == 0) {
                right = st.top();
                st.pop();
                left = st.top();
                st.pop();
                curr = left * right;
                st.push(curr);
            } else if (tokens[i].compare("/") == 0) {
                right = st.top();
```

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        st.pop();
        left = st.top();
        st.pop();
        curr = left / right;
        st.push(curr);
    }else{
        st.push(stoi(tokens[i]));
    }
}

return st.top();
}

};
```