BaseBall :

class Solution {

public int calPoints(String[] ops) {

Stack<Integer> stack = new Stack();

for(String op : ops) {

if (op.equals("+")) {

int top = stack.pop();

int newtop = top + stack.peek();

stack.push(top);

stack.push(newtop);

} else if (op.equals("C")) {

stack.pop();

} else if (op.equals("D")) {

stack.push(2 \* stack.peek());

} else {

stack.push(Integer.valueOf(op));

}

}

int ans = 0;

for(int score : stack) ans += score;

return ans;

}

}