

Q. 682

```
Function calPoints(ops):
    Initialize an empty list called stack

    For i in ops:
        if i is "+":
            Calculate the sum of the last two scores in stack
            Append the result to stack
        else if i is "C":
            Remove the last score from stack
        else if i is "D":
            Double the last score in stack
            Append the result to stack
        else:
            Convert operation to integer
            Append to stack

    Calculate the sum of all elements in stack
    Return the sum
```

Q. 20

```
Initialize an empty list called stk (acts as a stack)

for c in the string s:
    if c is one of '(', '[', or '{':
        Push c onto stk

    else if c is ')':
        if stk is not empty and the top of stk is '(':
            Pop from stk
        else:
            Return False

    else if c is ']':
        if stk is not empty and the top of stk is '[':
            Pop from stk
        else:
            Return False

    else if c is '}':
        if stk is not empty and the top of stk is '{':
            Pop from stk
        else:
            Return False

    else:
        Return False
```

```
if stk is empty:  
    Return True  
else:  
    Return False
```