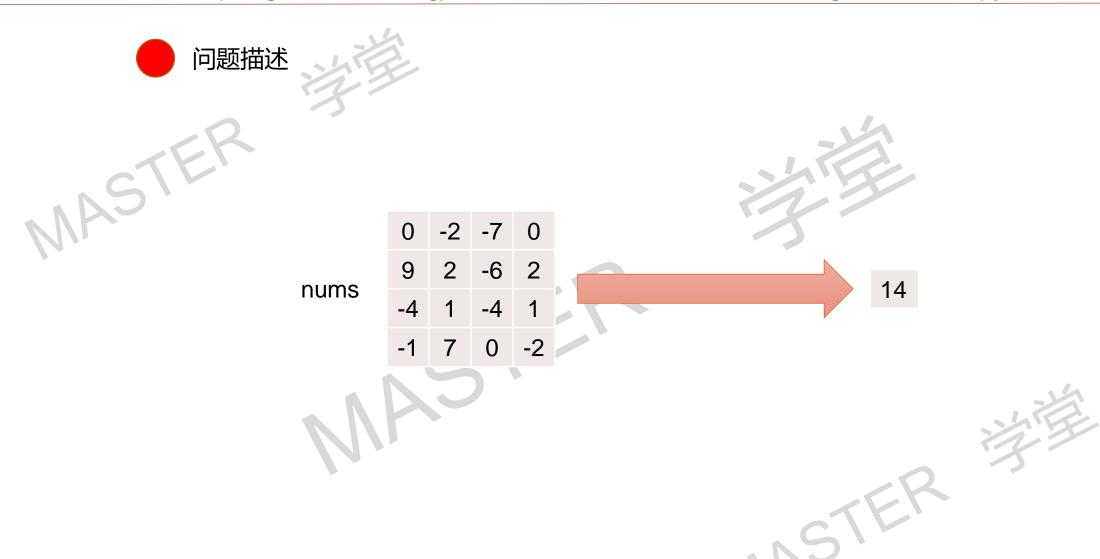
最大子矩阵

https://github.com/sangjianshun/Master-School/blob/master/getMaxMatrix.py



最大子矩阵

问题求解: 动态规划

dp[i][j] = nums[0][j]+nums[1][j]+...+nums[i-1][j]

nums

O	-2	-/	0
9	2	-6	2
-4	1	-4	1
-1	7	0	-2

dp

0	0	0	0
0	-2	-7	0



0	0	0	0
0	-2	-7	0
9	0	-13	2



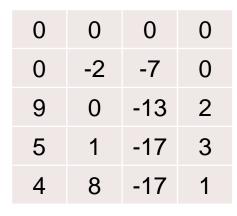
0	0	0	0
0	-2	-7	0
9	0	-13	2
5	1	-17	3
4	8	-17	1



0	0	0	0
0	-2	-7	0
9	0	-13	2
5	1	-17	3

最大子矩阵





辅助数组减少了 大量的重复计算

```
dp[4]-dp[1]
   dp[2]-dp[1]
                          dp[3]-dp[1]
                                -10
9
          -6
               2
                                                       -10
                            -2
                                                   -2
     -2
         -7 0
                                                       -6
         -6
                        9
                                -6
                                -4
                                0
9
          5
                                                             5
```

```
for i in range(1,self.m+1):
    for j in range(i,self.m+1):
        tmp = 0
        for k in range(self.n):
        tmp+=(dp[j][k]-dp[i-1][k])
        if tmp<=0:
            tmp=0
        else:
            if tmp>res:
            res = tmp
```