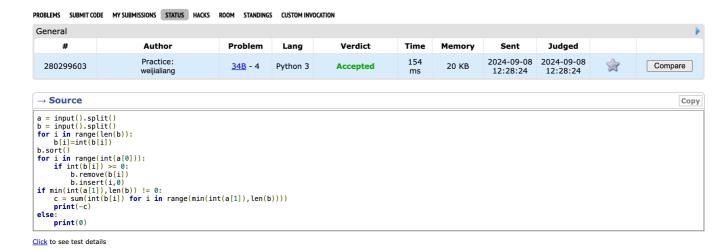
# 计概B作业4

#### 34B. Sale

思路:找负数中最小的n个加起来

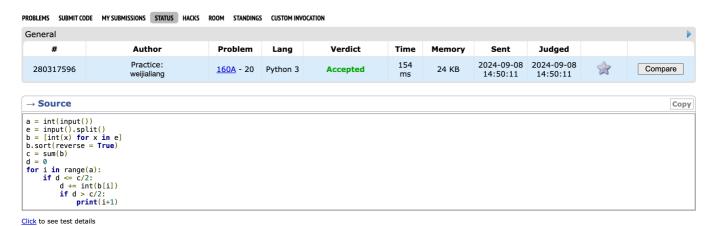
代码:

```
a = input().split()
b = input().split()
for i in range(len(b)):
    b[i]=int(b[i])
b.sort()
for i in range(int(a[0])):
    if int(b[i]) >= 0:
        b.remove(b[i])
        b.insert(i,0)
if min(int(a[1]),len(b)) != 0:
    c = sum(int(b[i]) for i in range(min(int(a[1]),len(b))))
    print(-c)
else:
    print(0)
```



### 160A. Twins

思路: sort完找sum大于总和1/2的数量



## 1879B. Chips on the Board

思路: 行和列至少有一个要被填满, 另一个都取最小的就好

```
def solve(a,b,n):
    c = sum(int(x) for x in a) + n * min(int(y) for y in b)
    d = sum(int(y) for y in b) + n * min(int(x) for x in a)
    return min(c,d)

k = int(input())

n = [[] for i in range(k)]

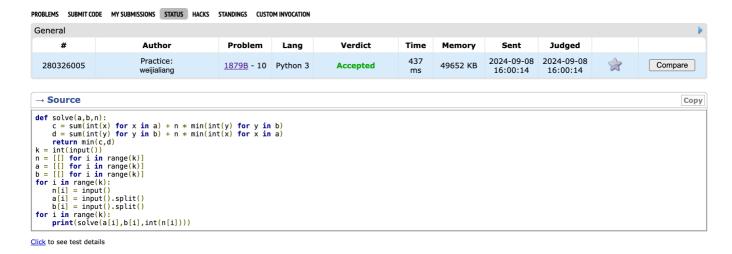
a = [[] for i in range(k)]

b = [[] for i in range(k)]

for i in range(k):
    n[i] = input()
    a[i] = input().split()

b[i] = input().split()

for i in range(k):
    print(solve(a[i],b[i],int(n[i])))
```



#### B. Taxi

思路: 把2, 3, 4的给确定, 1能填进去就不管, 不够填再加

代码:

```
n = int(input())
1 = list(map(int,input().split()))
a = l.count(1)
b = l.count(2)
c = l.count(3)
d = n-a-b-c
ans = 0
ans += d+c-(-b//2)
if a > c+2*(b%2):
    ans += -(-(a-(c+2*(b%2)))//4)
print(ans)
```

General										
#	Author	Problem	Lang	Verdict	Time	Memory	Sent	Judged		
285747911	Practice: weijialiang	<u>158B</u> - 10	Python 3	Accepted	186 ms	3388 KB	2024-10-14 03:10:28	2024-10-14 03:10:28		Compare

Click to see test details

# 230B. T-primes

思路: 欧拉筛

```
from math import sqrt
a = [True]*(10**6+1)
b = []
for i in range(2,10**6+1):
    if a[i] == True:
        b.append(i)
    for x in b:
        if i * x <= 10**6:
            a[i * x] = False
            if i % x == 0:
                break
        else:
            break
x = int(input())
y = list(map(int,input().split()))
for i in range(x):
    if sqrt(y[i]) != int(sqrt(y[i])) or y[i] == 1:
        print('NO')
    else:
        print(['NO', 'YES'][a[int(sqrt(y[i]))]])
```



## 12559: 最大最小整数

思路:实际上没有想到很好的思路(比如说补全后sort或者冒泡排序),想 用递归,最后不仅爆栈还wa,破防了,看了答案思路自己编才ac

```
n = int(input())
l = input().split()
k = 2*max(len(x) for x in l)
ans = []
for x in l:
    y = (x*(k//len(x)+1))[:k]
    ans.append([x,y])

r = sorted(ans,key=lambda x: int(x[1]))
o = ''.join([x[0] for x in r])
r.reverse()
p = ''.join([x[0] for x in r])
print(p+' '+o)
```

#46513734提交状态

查看 提交 统计 提问

基本信息

```
状态: Accepted
```

```
源代码
                                                                                #: 46513734
                                                                              题目: 12559
 n = int(input())
                                                                             提交人: 2400011474
 1 = input().split()
                                                                               内存: 3768kB
 k = 2*max(len(x) for x in 1)
                                                                               时间: 22ms
 ans = []
 for x in 1:
                                                                               语言: Pvthon3
   y = (x*(k//len(x)+1))[:k]
                                                                            提交时间: 2024-10-16 09:30:05
    ans.append([x,y])
 r = sorted(ans, key=lambda x: int(x[1]))
 0 = ''.join([x[0] for x in r])
 r.reverse()
 p = ''.join([x[0] for x in r])
 print(p+' '+o)
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                                                                                               English 帮助 关于
```

学习总结和收获:之前作业补完了,算法基础之前由于两个dp题wa但debug不出来(群里也没人回)导致有些懈怠,晚上准备找助教线下答疑,准备开始练习贪心,贪心学完了再搞dp