Assignment #2: 语法练习

Updated 0126 GMT+8 Sep 24, 2024 2024 fall, Complied by 吕金浩, 物理学院

1. 题目

代码

263A. Beautiful Matrix

https://codeforces.com/problemset/problem/263/A

num=abs(m-2)+abs(n-2)

print(num)

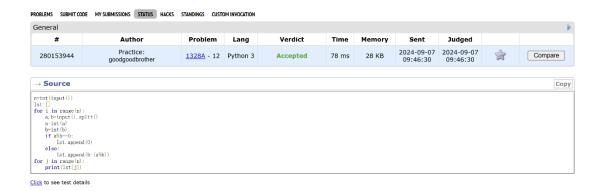


1328A. Divisibility Problem

https://codeforces.com/problemset/problem/1328/A

代码

```
n=int(input())
lst=[]
for i in range(n):
    a,b=input().split()
    a=int(a)
    b=int(b)
    if a%b==0:
        lst.append(0)
    else:
        lst.append(b-(a%b))
for j in range(n):
    print(lst[j])
```

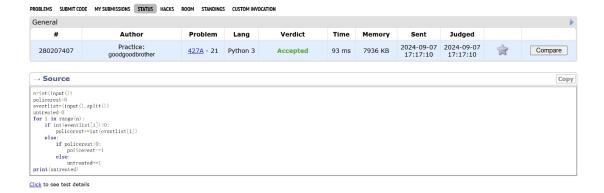


427A. Police Recruits

https://codeforces.com/problemset/problem/427/A

```
代码
```

```
n=int(input())
policerest=0
eventlist=(input().split())
untreated=0
for i in range(n):
    if int(eventlist[i])>0:
        policerest+=int(eventlist[i])
    else:
        if policerest>0:
            policerest-=1
        else:
            untreated+=1
print(untreated)
```



02808: 校门外的树

http://cs101.openjudge.cn/practice/02808/

代码

```
I,m=[int(x) for x in input().split()]
initree=[1]*(I+1)
remaintree=0
```

```
for i in range(m):
     start,end=[int(x) for x in input().split()]
     for j in range(start,end+1):
          initree[j]=initree[j]-1
for i in range(I+1):
     if initree[i]>0:
          remaintree+=1
print(remaintree)
 #46037614提交状态
                                                                              查看
                                                                                     提交
                                                                                           统计
                                                                                                  提问
 状态: Accepted
                                                                       基本信息
 源代码
                                                                            #: 46037614
                                                                           题目: 02808
   1, m=[int(x) for x in input().split()]
                                                                         提交人: lvjinhao
   initree=[1]*(1+1)
                                                                          内存: 3876kB
   for i in range(m):
                                                                           时间: 65ms
      start,end=[int(x) for x in input().split()]
                                                                           语言: Python3
                                                                        提交时间: 2024-09-09 22:03:00
      for j in range(start,end+1):
  initree[j]=initree[j]-1
for i in range(1+1):
      if initree[i]>0:
         remaintree+=1
   print(remaintree)
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                                                                                         English 帮助 关于
sy60: 水仙花数Ⅱ
https://sunnywhy.com/sfbj/3/1/60
代码
a,b=map(int,input().split())
```

```
ansstr="
for x in range(a,b+1):
     strx=str(x)
     lstx=list(strx)
     if int(|stx[0])**3+int(|stx[1])**3+int(|stx[2])**3==x:
          ansstr=ansstr+strx+''
if ansstr==":
     print('NO')
else:
     print(ansstr.rstrip())
```



01922: Ride to School

http://cs101.openjudge.cn/practice/01922/

```
代码
```

```
import math
while True:
    n=int(input())
    vt=[]
    if n:
        needtime=0
        for i in range(n):
            v,t=map(int,input().split('\t'))
            #print(t)
            #needtime=0
            #if i==0:
```


提问

```
状态: Accepted
                                                                          基本信息
源代码
                                                                                #: 46208112
                                                                              题目: 01922
 import math
while True:
                                                                            提交人: lvjinhao
                                                                              内存: 3644kB
    n=int(input())
                                                                              时间: 42ms
    if n:
                                                                              语言: Python3
        needtime=0
                                                                           提交时间: 2024-09-25 18:24:43
        for i in range(n):
            v,t=map(int,input().split('\t'))
             #print(t)
             #needtime=0
             #if i==0:
             if t>=0:
                thistime=t+(16200/v)
                if needtime==0:
                    needtime=thistime
                if thistime<needtime:
                   needtime=thistime
        print(math.ceil(needtime))
                #vt.append((v,t))
        break
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                                                                                             English 帮助 关于
```

2. 学习总结和收获

作为几乎零基础的同学,我一直在跟进每日选做,觉得目前题目难度不够高。