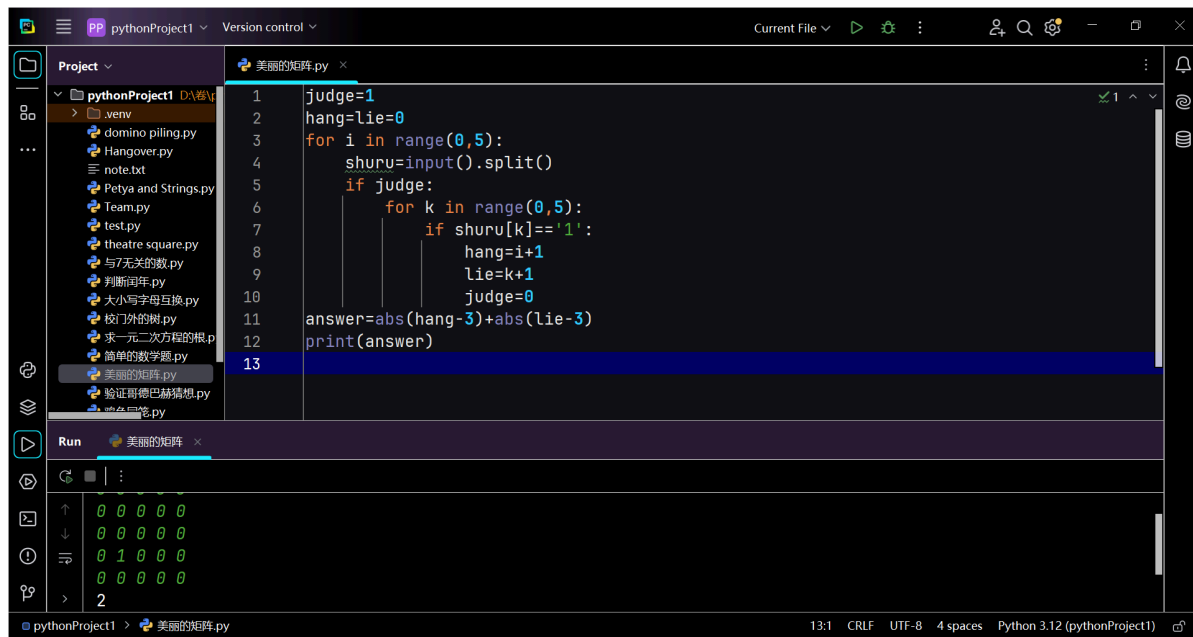


1.题目

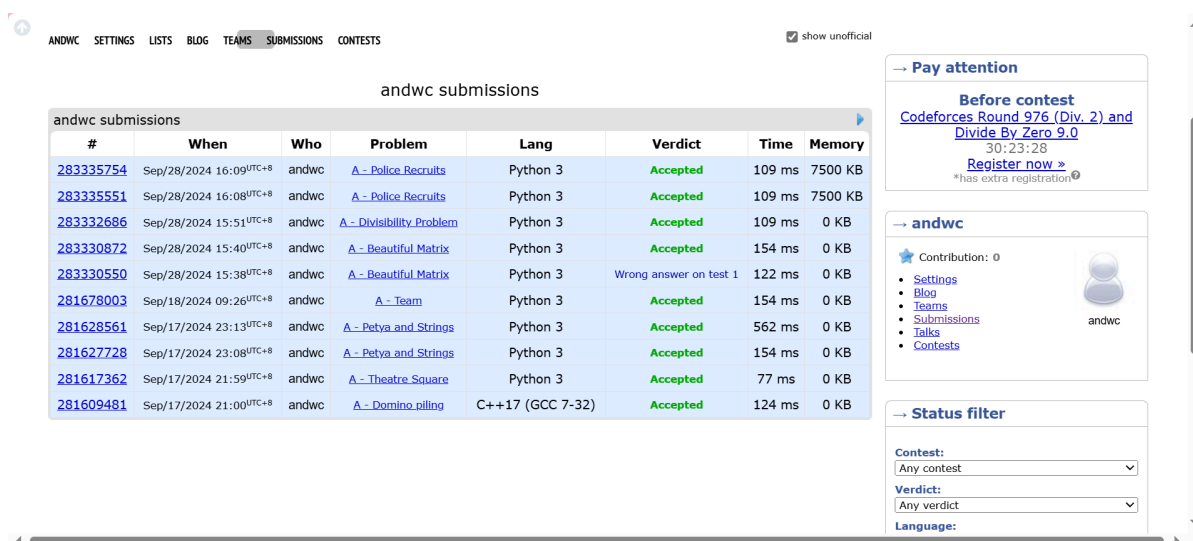
263A.Beautiful Matrix (16分钟)

思路：记录1的行数和列数，并与3减取绝对值再相加

代码：



```
1 judge=1
2 hang=lie=0
3 for i in range(0,5):
4     shuru=input().split()
5     if judge:
6         for k in range(0,5):
7             if shuru[k]=='1':
8                 hang=i+1
9                 lie=k+1
10                judge=0
11 answer=abs(hang-3)+abs(lie-3)
12 print(answer)
13
```



#	When	Who	Problem	Lang	Verdict	Time	Memory
283335754	Sep/28/2024 16:09 UTC+8	andwc	A - Police Recruits	Python 3	Accepted	109 ms	7500 KB
283335551	Sep/28/2024 16:08 UTC+8	andwc	A - Police Recruits	Python 3	Accepted	109 ms	7500 KB
283332686	Sep/28/2024 15:51 UTC+8	andwc	A - Divisibility Problem	Python 3	Accepted	109 ms	0 KB
283330872	Sep/28/2024 15:40 UTC+8	andwc	A - Beautiful Matrix	Python 3	Accepted	154 ms	0 KB
283330550	Sep/28/2024 15:38 UTC+8	andwc	A - Beautiful Matrix	Python 3	Wrong answer on test 1	122 ms	0 KB
281678003	Sep/18/2024 09:26 UTC+8	andwc	A - Team	Python 3	Accepted	154 ms	0 KB
281628561	Sep/17/2024 23:13 UTC+8	andwc	A - Petya and Strings	Python 3	Accepted	562 ms	0 KB
281627728	Sep/17/2024 23:08 UTC+8	andwc	A - Petya and Strings	Python 3	Accepted	154 ms	0 KB
281617362	Sep/17/2024 21:59 UTC+8	andwc	A - Theatre Square	Python 3	Accepted	77 ms	0 KB
281609481	Sep/17/2024 21:00 UTC+8	andwc	A - Domino piling	C++17 (GCC 7-32)	Accepted	124 ms	0 KB

1328A.Divisibility Problem (10分钟)

思路：用数学 $b-a\%b$ ，并注意整除的情况

代码：

```
num=int(input())
shuchu=[]
for i in range(0,num):
    shuru=input().split()
    a=int(shuru[0])
    b=int(shuru[1])
```

```

answer=(b-(a%b))
if answer==b:
    answer=0
shuchu.append(answer)
for i in range(0,num):
    print(shuchu[i])

```

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andwc submissions

#	When	Who	Problem	Lang	Verdict	Time	Memory
283335754	Sep/28/2024 16:09UTC+8	andwc	A - Police Recruits	Python 3	Accepted	109 ms	7500 KB
283335551	Sep/28/2024 16:08UTC+8	andwc	A - Police Recruits	Python 3	Accepted	109 ms	7500 KB
283332686	Sep/28/2024 15:51UTC+8	andwc	A - Divisibility Problem	Python 3	Accepted	109 ms	0 KB
283330872	Sep/28/2024 15:40UTC+8	andwc	A - Beautiful Matrix	Python 3	Accepted	154 ms	0 KB
283330550	Sep/28/2024 15:38UTC+8	andwc	A - Beautiful Matrix	Python 3	Wrong answer on test 1	122 ms	0 KB
281678003	Sep/18/2024 09:26UTC+8	andwc	A - Team	Python 3	Accepted	154 ms	0 KB
281628561	Sep/17/2024 23:13UTC+8	andwc	A - Petya and Strings	Python 3	Accepted	562 ms	0 KB
281627728	Sep/17/2024 23:08UTC+8	andwc	A - Petya and Strings	Python 3	Accepted	154 ms	0 KB
281617362	Sep/17/2024 21:59UTC+8	andwc	A - Theatre Square	Python 3	Accepted	77 ms	0 KB
281609481	Sep/17/2024 21:00UTC+8	andwc	A - Domino piling	C++17 (GCC 7-32)	Accepted	124 ms	0 KB

→ Pay attention

Before contest
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30:23:28
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Contribution: 0

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andwc

→ Status filter

Contest:
Any contest

Verdict:
Any verdict

Language:

427A.Police Recruits(13分钟)

思路：保存剩余警察的数量并与逐个犯罪数量相比较

代码：

```

num=int(input())
shuru=input().split()
shu=answer=0
for i in range(num):
    if int(shuru[i])<0:
        if shu<(-int(shuru[i])):
            answer+=1
        else:
            shu-=1
    else:
        shu+=int(shuru[i])
print(answer)

```

ANDWCSETTINGSLISTSBLOGTEAMS

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andwc submissions

#	When	Who	Problem	Lang	Verdict	Time	Memory
283335754	Sep/28/2024 16:09UTC+8	andwc	A - Police Recruits	Python 3	Accepted	109 ms	7500 KB
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281678003	Sep/18/2024 09:26UTC+8	andwc	A - Team	Python 3	Accepted	154 ms	0 KB
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281617362	Sep/17/2024 21:59UTC+8	andwc	A - Theatre Square	Python 3	Accepted	77 ms	0 KB
281609481	Sep/17/2024 21:00UTC+8	andwc	A - Domino piling	C++17 (GCC 7-32)	Accepted	124 ms	0 KB

→ Pay attention

Before contest

[Codeforces Round 976 \(Div. 2\) and Divide By Zero 9.0](#)

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andwc

→ Status filter

Contest:

Any contest

Verdict:

Any verdict

Language:

02808.校门外的树（很长时间）

思路：用一个列表，有树为1，没树为0，最后求1的个数

代码：

#46259994提交状态

查看

提交

统计

提问

状态: Accepted

源代码

```
num=input().split()
l=int(num[0])
m=int(num[1])
shu=[1]*(l+1)
answer=0
for i in range(m):
    shuru=input().split()
    qishi=int(shuru[0])
    zhongzhi=int(shuru[1])
    for j in range(qishi,zhongzhi+1):
        shu[j]=0
for i in range(l+1):
    if shu[i]==1:
        answer+=1
print(answer)
```

基本信息

#: 46259994

题目: 02808

提交人: 陈俊逸24工院(cjy)

内存: 3692kB

时间: 51ms

语言: Python3

提交时间: 2024-09-28 18:09:16

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English

帮助

关于

sy60: 水仙花数II（15分钟）

思路：循环判断

代码：

```
def shuixianhua(a):
    bai=a//100
    ge=a%10
    shi=(a%100)//10
    if a==ge**3+shi**3+bai**3:
        return True
    else:
        return False
shuru=input().split()
a=int(shuru[0])
b=int(shuru[1])
answer=[]
for i in range(a,b+1):
```

```

        if shuixianhua(i):
            answer.append(i)
    if len(answer)!=0:
        for i in range(len(answer)):
            print(answer[i],end='')
            if i!=len(answer)-1:
                print(' ',end='')
    else:
        print('NO')

```

晴问 课程 训练营 算法笔记 题库 比赛 语言入门教程... 老师算法专题特训

您还未设置昵称, 可点击 [此处](#) 进入个人中心修改

「从零开始的 C++ 课程」现已免费发布: <https://sunnywhy.com/course/1880/model/1884?itemld=1675>

入门篇 (1) ——入门模拟

- 简单模拟
 - 3N+1猜想
 - 判断三角形
 - 单调递增序列
 - 数列奇数和
 - 三位数
 - 水仙花数
 - 水仙花数II
 - 2的幂

水仙花数II

通过数 2634 提交数 9584 难度 简单 显示标签 ☆

题目描述

如果一个三位数 n 的各位数字的立方和等于 n , 那么称 n 为水仙花数。例如 $153 = 1^3 + 5^3 + 3^3$, 因此153是水仙花数。

给定两个正整数 a, b , 输出在闭区间 $[a, b]$ 内的所有水仙花数。

输入描述

两个正整数 a, b ($100 \leq a \leq b \leq 999$)。

输出描述

代码书写

```

10 a=int(shuru[0])
11 b=int(shuru[1])
12 答案=[]
13 对于 范围 (a, b+1) 中的 i:
14 如果 Shuixianhua (i):
15     answer.append(i)
16 if len(answer) != 0:
17     对于 i in range (len (answer)):
18         print (answer[i], end='')
19     如果 i !=len (answer) -1:
20         print ('|', end='')
21 否则:
22     print ('否')

```

测试输入 提交结果 历史提交

完美通过 查看题解

100% 数据通过测试

运行时长: 0 ms

收起面板 运行 提交

01922: Ride to School (很长时间)

思路：先删除出发时间为负数。在进行到达时间的逐一比较

代码：

状态: Accepted

源代码

```

import math
def shijian(a,b):
    return (math.ceil((16200/a)+b))
m=answer=0
answer_list=[]
while True:
    num=int(input())
    if num==0:
        break
    #找到最小的非负时间, 并记录其速度
    check=0
    v_list = []
    s_list = []
    for i in range(num):
        shuru=input().split()
        v=int(shuru[0])
        s=int(shuru[1])
        if s>=0:
            if check== 0:
                m= s
                check=1
            elif m >= s :
                m= s
            v_list.append(v)
            s_list.append(s)
    #算总时间
    for i in range(len(v_list)):
        if i==0:
            answer=shijian(v_list[i],s_list[i])
        elif (shijian(v_list[i],s_list[i])<answer):
            answer = shijian(v_list[i], s_list[i])
    answer_list.append(answer)
for i in range(len(answer_list)):
    print(answer_list[i])

```

基本信息

#: 46263214
 题目: 01922
 提交人: 陈俊逸24工院(cjy)
 内存: 3760kB
 时间: 46ms
 语言: Python3
 提交时间: 2024-09-28 21:28:29

2.学习总结与收获

通过本次作业的六道题（尤其是标注很长时间的两道题）我的收获很多，譬如：我理解了runtime error是程序结构有问题（我一直以为是超时，所以一直在优化算法，浪费时间）以及审题的重要（校门外的树呢一道题，列表的长度应该是l+1而不是l，虽然题目中明确说了，但我这次做题的时候还是先入为主了，导致一直re）以及清空列表的重要性（最后一道题没有清空列表花了好长时间），最近（截至今日9月28日）刚学完一点基本的语法，一直在慢慢刷每日选做，已经完成了6道，后续十一我会多花点时间慢慢赶上来的。