02733: 判断闰年

思路：先判断是否为4的倍数，然后逐个排除特殊情况

代码:

```
a=int(input())#0<a<3000
if a%4==0 :
    if a%100==0 and a%400!=0:print('N');
    elif a%3200==0:print('N');
    else:print('Y')

else:
    print('N')
```

代码运行截图

状态: Accepted

源代码

```
a=int(input())
if a%4==0 :
    if a%100==0 and a%400!=0:print('N');
    elif a%3200==0:print('N');
    else:print('Y')

else:
    print('N')
```

基本信息
#:   45987137
题目: 02733
提交人: wwk
内存: 3544kB
时间: 24ms
语言: Python3
提交时间: 2024-09-01 10:55:19

02750: 鸡兔同笼

思路：最多一定都是鸡，最少是兔子尽量多

代码

```
def chicken_rabbit(a):
    min_animals = 0
    max_animals = 0

    # 检查是否有解
    if a % 2 == 0:
        min_animals = a // 4+a%4//2
        max_animals = a // 2
    else:
        min_animals = 0
        max_animals = 0

    return min_animals, max_animals

a = int(input())
```

```
min_animals, max_animals = chicken_rabbit(a)

print(min_animals, max_animals)
```

代码运行截图

状态: Accepted

源代码

```
def chicken_rabbit(a):
    min_animals = 0
    max_animals = 0

    # 检查是否有解
    if a % 2 == 0:
        min_animals = a // 4+a%4//2
        max_animals = a // 2
    else:
        min_animals = 0
        max_animals = 0

    return min_animals, max_animals

# 读取输入
a = int(input())

# 计算结果
min_animals, max_animals = chicken_rabbit(a)

# 输出结果
print(min_animals, max_animals)
```

基本信息

#:	45986725
题目:	02750
提交人:	wwk
内存:	3620kB
时间:	22ms
语言:	Python3
提交时间:	2024-09-01 00:29:13

50A. Domino piling

greedy, math, 800, http://codeforces.com/problemset/problem/50/A

代码

```
def tim(n):
    ans=1
    for i in range(1,n+1):
        ans*=a[i-1]
    return ans

a=list(map(int, input().split()))
n=len(a)
b=tim(n)
print(b//2)
```

代码运行截图

By wawwwwwk, contest: Codeforces Beta Round 47, problem: (A) Domino piling, **Accepted**, #, Copy

```
def tim(n):
    ans=1
    for i in range(1,n+1):
        ans*=a[i-1]
    return ans

a=list(map(int, input().split()))
n=len(a)
b=tim(n)
print(b//2)
```

1A. Theatre Square

math, 1000, https://codeforces.com/problemset/problem/1/A

思路：求长宽分别需要多少块方砖，乘起来即可。

代码

```python
a=list(map(int,input().split()))
a_1=a[0]
a_2=a[1]
b=a[2]
if a_1%b==0:
    c_1=a_1//b
else:
    c_1=a_1//b+1

if a_2%b==0:
    c_2=a_2//b
else:
    c_2=a_2//b+1

c=c_1*c_2
print(f"{c}")
```

代码运行截图

```python
a=list(map(int,input().split()))
a_1=a[0]
a_2=a[1]
b=a[2]
if a_1%b==0:
    c_1=a_1//b
else:
    c_1=a_1//b+1

if a_2%b==0:
    c_2=a_2//b
else:
    c_2=a_2//b+1

c=c_1*c_2
print(f"{c}")
```
解释

112A. Petya and Strings

implementation, strings, 1000, http://codeforces.com/problemset/problem/112/A

思路：统一大小写即可比较

代码

```
a=input('')
b=input('')
if a.lower()==b.lower():
    print(0)
elif a.lower()<b.lower():
    print(-1)
else:
    print(1)
```

代码运行截图

```
a=input('')
b=input('')
if a.lower()==b.lower():
    print(0)
elif a.lower()<b.lower():
    print(-1)
else:
    print(1)
```

231A. Team

bruteforce, greedy, 800, http://codeforces.com/problemset/problem/231/A

思路：输入列表中，检索1的个数

代码

```
# # 读取问题数量
n = int(input())

# 初始化计数器
count = 0

# 遍历每个问题
for _ in range(n):
    # 读取每个朋友对解决方案的信心
    confidence = list(map(int, input().split()))

    # 检查是否有至少两个人对解决方案有把握
    if confidence.count(1) >= 2:
        count += 1

# 输出结果
print(count)
```

代码运行截图

```python
# 读取问题数量
n = int(input())

# 初始化计数器
count = 0

# 遍历每个问题
for _ in range(n):
    # 读取每个朋友对解决方案的信心
    confidence = list(map(int, input().split()))

    # 检查是否有至少两个人对解决方案有把握
    if confidence.count(1) >= 2:
        count += 1

# 输出结果
print(count)
```

解释

2. 学习总结和收获

OJ"计概2024fall每日选做",CF题目

281696905	Sep/18/2024 14:40 UTC+8	wawwwwwk	A - Sum of Round Numbers	Python 3	Wrong answer on test 1	62 ms	0 KB
281581147	Sep/17/2024 16:41 UTC+8	wawwwwwk	A - Divisibility Problem	Python 3	**Accepted**	93 ms	800 KB
281580764	Sep/17/2024 16:38 UTC+8	wawwwwwk	A - Divisibility Problem	Python 3	Wrong answer on test 1	62 ms	0 KB
281579536	Sep/17/2024 16:28 UTC+8	wawwwwwk	A - Divisibility Problem	Python 3	Runtime error on test 1	46 ms	0 KB
281575283	Sep/17/2024 15:50 UTC+8	wawwwwwk	A - Hit the Lottery	Python 3	**Accepted**	77 ms	0 KB
281571468	Sep/17/2024 15:14 UTC+8	wawwwwwk	A - Beautiful Matrix	Python 3	**Accepted**	124 ms	0 KB
279308155	Sep/02/2024 17:15 UTC+8	wawwwwwk	B - Three Brothers	Python 3	**Accepted**	62 ms	0 KB
279304930	Sep/02/2024 16:51 UTC+8	wawwwwwk	A - Beautiful Matrix	Python 3	**Accepted**	154 ms	0 KB
279300993	Sep/02/2024 16:16 UTC+8	wawwwwwk	A - Stones on the Table	Python 3	**Accepted**	156 ms	0 KB
279287467	Sep/02/2024 14:09 UTC+8	wawwwwwk	A - Boy or Girl	Python 3	**Accepted**	156 ms	0 KB
279215554	Sep/02/2024 00:38 UTC+8	wawwwwwk	A - Team	Python 3	**Accepted**	154 ms	0 KB
279200304	Sep/02/2024 00:19 UTC+8	wawwwwwk	A - Boy or Girl	Python 3	Wrong answer on test 1	92 ms	0 KB
279191666	Sep/02/2024 00:09 UTC+8	wawwwwwk	A - Next Round	Python 3	Runtime error on test 1	92 ms	0 KB
279036963	Sep/01/2024 17:47 UTC+8	wawwwwwk	A - Petya and Strings	Python 3	**Accepted**	186 ms	0 KB
279032291	Sep/01/2024 17:04 UTC+8	wawwwwwk	A - Theatre Square	Python 3	**Accepted**	78 ms	0 KB
279029035	Sep/01/2024 16:35 UTC+8	wawwwwwk	A - Watermelon	Python 3	**Accepted**	154 ms	0 KB
279028292	Sep/01/2024 16:28 UTC+8	wawwwwwk	A - Watermelon	Python 3	Wrong answer on test 5	92 ms	0 KB
279026305	Sep/01/2024 16:08 UTC+8	wawwwwwk	A - Domino piling	Python 3	**Accepted**	154 ms	0 KB
279019010	Sep/01/2024 14:52 UTC+8	wawwwwwk	B - Drinks	Python 3	**Accepted**	124 ms	0 KB

题目较为简单，容易想到怎么做。只是语法不是很懂，导致不能把自己的思路写下来运行，也无法判断思路是否可实现。