

## 1.题目

### 02733: 判断闰年 耗时 10 分钟

<http://cs101.openjudge.cn/practice/02733/>

代码:

```
a = int(input())
if a%4==0:
    if a%100==0:
        if a%400==0:
            print("Y")
        else:
            print("N")
    else:
        print("Y")
else:
    print("N")
```

截图:

#46121249提交状态

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状态: **Accepted**

源代码

```
a = int(input())
if a%4==0:
    if a%100==0:
        if a%400==0:
            print("Y")
        else:
            print("N")
    else:
        print("Y")
else:
    print("N")
```

基本信息

#: 46121249  
题目: 02733  
提交人: misty  
内存: 3600kB  
时间: 21ms  
语言: Python3  
提交时间: 2024-09-19 17:35:54

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### 02750: 鸡兔同笼 耗时 15 分钟

<http://cs101.openjudge.cn/practice/02750/>

代码:

```
a = int(input())
if (a%2 != 0):
    print("{} {}".format(0,0))
elif (a%4==0):
    print("{} {}".format( int(a/4),int(a/2)))
else:
    print("{} {}".format( int(a//4 + 1),int(a/2)))
```

截图:

状态: Accepted

源代码

```
a = int(input())
if (a%2 != 0):
    print("{} {}".format(0,0))
elif (a%4==0):
    print("{} {}".format(int(a/4),int(a/2)))
else:
    print("{} {}".format(int(a//4 + 1),int(a/2)))
```

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基本信息

#: 46121699  
题目: 02750  
提交人: misty  
内存: 3620kB  
时间: 20ms  
语言: Python3  
提交时间: 2024-09-19 18:07:20

English 帮助 关于

## 50A. Domino piling 耗时 10 分钟

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

代码:

M,N = (int(x) for x in input().split())

print(int(M\*N//2))

截图:

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

```
M,N = (int(x) for x in input().split())
print(int(M*N//2))
```

→Judgement Protocol

Test: #1, time: 92 ms., memory: 4 KB, exit code: 0, checker exit code: 0, verdict: OK

Input

2 4

Output

4

Answer

4

Checker Log

ok 1 number(s): "4"

Test: #2, time: 62 ms., memory: 0 KB, exit code: 0, checker exit code: 0, verdict: OK

Input

3 3

Output

4

Answer

4

Checker Log

ok 1 number(s): "4"

Test: #3, time: 154 ms., memory: 0 KB, exit code: 0, checker exit code: 0, verdict: OK

## 1A. Theatre Square 耗时 20 分钟

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

代码:

import math

n, m, a = [int(x) for x in input().split()]

l = math.ceil(n/a)

w = math.ceil(m/a)

print(l\*w)

截图:

By mistyshen, contest: Codeforces Beta Round 1, problem: (A) Theatre Square, Accepted, #, Copy

```
import math
n, m, a = [int(x) for x in input().split()]
l = math.ceil(n/a)
w = math.ceil(m/a)
print(l*w)
```

→Judgement Protocol

## 112A. Petya and Strings 耗时 15 分钟

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

代码:

```
s1 = input().lower()
s2 = input().lower()
num = 0
for i in range(len(s1)):
    if ord(s1[i]) < ord(s2[i]):
        print("-1")
        break
    elif ord(s1[i]) > ord(s2[i]):
        print("1")
        break
    else:
        num += 1
if num == len(s1):
    print("0")
```

截图:

By mistyshen, contest: Codeforces Beta Round 85 (Div. 2 Only), problem: (A) Petya and Strings, [Accepted](#), <#>, [Copy](#)

```
s1 = input().lower()
s2 = input().lower()
num = 0
for i in range(len(s1)):
    if ord(s1[i]) < ord(s2[i]):
        print("-1")
        break
    elif ord(s1[i]) > ord(s2[i]):
        print("1")
        break
    else:
        num += 1
if num == len(s1):
    print("0")
```

## 231A. Team 耗时 10 分钟

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

代码:

```
n = int(input())
num = 0
for i in range(n):
    a,b,c = (int(x) for x in input().split())
    if a + b + c > 1 :
        num += 1
print(num)
```

截图:

By mistyshen, contest: Codeforces Round 143 (Div. 2), problem: (A) Team, [Accepted](#), <#>, [Copy](#)

```
n = int(input())
num = 0
for i in range(n):
    a,b,c = (int(x) for x in input().split())
    if a + b + c > 1 :
        num += 1
print(num)
```

→Judgement Protocol

## 2. 学习总结和收获

- (1) `if,elif,else` 后面要加`:"`
- (2) 使用`.format()`，替换`{}`
- (3) `.split()`用来分隔字符串
- (4) `import math` 后使用 `math.ceil()`可对运算向上取整
- (5) `ord()` 函数是 `chr()` 函数（对于 8 位的 ASCII 字符串）或 `unichr()` 函数（对于 Unicode 对象）的配对函数，它以一个字符（长度为 1 的字符串）作为参数，返回对应的 ASCII 数值，或者 Unicode 数值，如果所给的 Unicode 字符超出了你的 Python 定义范围，则会引发一个 `TypeError` 的异常。