

M12560:生存游戏

很快做完

OpenJudge

题目ID, 标题, 描述

cmyjf 信箱 账号

CS101 / 计算思维算法实践

按 F11 即可退出全屏模式

#50483417 提交状态

查看 提交 统计 提问

状态: Accepted

基本信息

#: 50483417
题目: M12560
提交人: cmyjf
内存: 4052kB
时间: 38ms
语言: Python3
提交时间: 2025-10-21 16:41:50

源代码

```
n,m = map(int,input().split())
li = [['0']*(m+2)]
for _ in range(n):
    li.append(['0']+input().split()+'0')
li.append(['0']*(m+2))
ans = [[0]*m for _ in range(n)]
def count_(x,y):
    num1 = -1
    for a in (x-1,x,x+1):
        for b in (y-1,y,y+1):
            if li[a][b] == '1':
                num1 += 1
    if li[x][y] == '1':
        if num1 == 2 or num1 == 3:
            ans[x-1][y-1] = 1
    elif li[x][y] == '0':
        num1 += 1
        if num1 == 3:
            ans[x-1][y-1] = 1
for x in range(1,n+1):
    for y in range(1,m+1):
        count_(x,y)
for a in range(n):
    for b in range(m):
        print(ans[a][b],end=' ')
print()
```

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English 帮助 关于

M04133:垃圾炸弹

思路很快形成，考虑边界情况怎么写花了最多的时间

OpenJudge

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#50551419 提交状态

查看 提交 统计 提问

状态: Accepted

基本信息

#: 50551419
题目: M04133
提交人: cmyjf
内存: 11928kB
时间: 267ms
语言: Python3
提交时间: 2025-10-25 14:53:57

源代码

```
d = int(input())
n = int(input())
li = [[0]*1025 for _ in range(1025)]
for _ in range(n):
    x,y,i = map(int,input().split())
    for a in range(max(0,x-d),min(1025,x+d+1)):
        for b in range(max(0,y-d), min(1025, y + d+1)):
            li[a][b] += 1
ans = 0
count = 1
for i in range(1025):
    for j in range(1025):
        if li[i][j] == ans:
            count += 1
        if li[i][j] > ans:
            ans = li[i][j]
            count = 1
print(count,ans)
```

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English 帮助 关于

M02746:约瑟夫问题

很快做完

OpenJudge CS101 / 计算思维算法实践 题目 ID: 50532818

状态: Accepted

```
源代码
while True:
    n,m = map(int,input().split())
    if n == 0:
        break
    li = [1]*n
    a = 0
    b = 0
    c = 1
    while c < n:
        if li[a] == 1:
            b += 1
            if b % m == 0:
                li[a] = 0
                c += 1
        a += 1
        if a > n-1:
            a -= n
    print(li.index(1)+1)
```

基本信息
50532818
题目: M02746
提交人: cmmyjf
内存: 3940kB
时间: 55ms
语言: Python3
提交时间: 2025-10-24 14:37:12

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M26976:摆动序列

很快做完

OpenJudge CS101 / 计算思维算法实践 题目 ID: 50519032

按 F11 即可退出全屏模式

状态: Accepted

```
源代码
n = int(input())
li = list(map(int, input().split()))
a = li[0]
b = 0
c = 1
for i in range(n):
    if a < li[i] and b <= 0:
        a = li[i]
        b = 1
        c += 1
    elif a > li[i] and b >= 0:
        a = li[i]
        b = -1
        c += 1
    elif a < li[i] and b > 0:
        a = li[i]
    elif a > li[i] and b < 0:
        a = li[i]
print(c)
```

基本信息
50519032
题目: M26976
提交人: cmmyjf
内存: 3652kB
时间: 26ms
语言: Python3
提交时间: 2025-10-23 15:43:58

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T26971:分发糖果

一开始想怎么贪心，总是做不出来。最后抽丝剥茧，分治法过的。看了题解，叹为观止，左右规划使用得太巧妙了（感觉这个贪心想到很难，证明简单）

The screenshot shows the submission status for problem #50527547. The status is Accepted. The code is as follows:

```
n = int(input())
li = list(map(int, input().split()))
aaa = []
def cut():
    global li
    if len(li) > 1:
        t = 0
        for i in range(len(li)-1):
            if li[i] == li[i+1]:
                t = 1
                break
        if t == 1:
            aaa.append(li[:i+1])
            li = li[i+1:]
            cut()
cut()
aaa.append(li)

ans = 0
for i in range(len(aaa)):
    li = aaa[i]
    n = len(li)
    if n == 1:
        ans += 1
        continue
    li1 = [0]*n
    li2 = [1]*n
    if li[0] < li[1]:
        li1[0] = 1
    else:
        li2[0] = 1
```

The basic information for the submission is:

- #: 50527547
- 题目: T26971
- 提交人: cmjyf
- 内存: 4932kB
- 时间: 36ms
- 语言: Python3
- 提交时间: 2025-10-23 21:41:23

A. Fill in the Matrix

要求输出矩阵，但如果真的创建了一个完整矩阵就会超内存……

The screenshot shows the solution for problem A. Fill in the Matrix. The code is as follows:

```
nn = int(input())
for _ in range(nn):
    n, m = map(int, input().split())
    if m == 1:
        for i in range(n+1):
            print(0)
    else:
        if n >= m-1:
            print(m)
            for i in range(m-1):
                li = []
                for j in range(i+1):
                    li.append(m - i + j - 1)
                for k in range(m - 1 - i):
                    li.append(k)
                print(*li)
            for i in range(n-m+1):
                print(*li)
        else:
            print(n+1)
            for i in range(n):
                li = []
                for j in range(i+1):
                    li.append(m - i + j - 1)
                for k in range(m - 1 - i):
                    li.append(k)
                print(*li)
```

The judgement protocol shows the test case and output.