22485:升空的焰火,从侧面看

```
def cs22485():
    from _collections import deque
    n = int(input())
    dct = {}
    for i in range(n):
         dct[i + 1] = list(map(int, input().split()))
    lst = deque([1])
    tmp = deque([])
    ans = ""
    while 1st:
         ans += str(|st[-1]) + " "
         while 1st:
              for i in dct[lst.popleft()]:
                   if i > -1:
                       tmp.append(i)
         lst = tmp
         tmp = deque([])
    print(ans[:-1])
```

```
状态: Accepted
```

源代码

```
def cs22485():
   from _collections import deque
   n = int(input())
   for i in range(n):
       dct[i + 1] = list(map(int, input().split()))
    lst = deque([1])
    tmp = deque([])
    while lst:
       ans += str(lst[-1]) + " "
        while lst:
          for i in dct[lst.popleft()]:
              if i > -1:
                   tmp.append(i)
       1st = tmp
        tmp = deque([])
    print(ans[:-1])
cs22485()
```

基本信息 #: 45029464 题目: 22485 提交人: 22n2200011358 内存: 3740kB 时间: 20ms 语言: Python3 提交时间: 2024-05-20 21:59:33

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English 帮助 关于

28203:【模板】单调栈

for i in ans[:-1]:

```
print(i, end=" ")
       print(ans[-1])
#45029768提交状态
                                                                                    查看
                                                                                            提交
                                                                                                   统计
                                                                                                          提问
状态: Accepted
                                                                            基本信息
源代码
                                                                                  #: 45029768
                                                                                题目: 28203
 def cs28203():
                                                                              提交人: 22n2200011358
     n = int(input())
                                                                                内存: 355704kB
     a = list(map(int, input().split()))
    ans = [0 for i in range(n)]
lst = []
                                                                                时间: 3300ms
                                                                                语言: Python3
     for i in range(n):
                                                                             提交时间: 2024-05-20 22:33:46
         if not lst or a[i] <= a[lst[-1]]:</pre>
            lst.append(i)
             while lst and a[i] > a[lst[-1]]:
    ans[lst.pop()] = i + 1
             lst.append(i)
     for i in ans[:-1]:
    print(i, end="")
     print(ans[-1])
 cs28203()
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                                                                                                English 帮助 关于
```

09202:舰队、海域出击!

```
def cs09202():
    for _ in range(int(input())):
        n, m = map(int, input().split())
        dct = {i: [] for i in range(n)}
        for _ in range(m):
            a, b = map(int, input().split())
            dct[a - 1].append(b - 1)
        flag0 = [True for _ in range(n)]
        flag = [True for _ in range(n)]

        def go(k):
        for i in dct[k]:
```

```
if not ans[0] and flag0[i]:
             if flag[i]:
                  flag[i] = False
                  go(i)
              else:
                  print("Yes")
                  ans[0] = True
                  break
    flagO[k] = False
ans = [False]
for j in range(n):
    if flagO[j]:
         go(j)
         if ans[0]:
              break
if not ans[0]:
    print("No")
```

```
状态: Accepted
```

```
源代码
 def cs09202():
      for _ in range(int(input())):
          n, m = map(int, input().split())
          dct = {i: [] for i in range(n)}
          for _ in range(m):
              a, b = map(int, input().split())
dct[a - 1].append(b - 1)
          flag0 = [True for _ in range(n)]
flag = [True for _ in range(n)]
          def go(k):
               for i in dct[k]:
                   if not ans[0] and flag0[i]:
                        if flag[i]:
                            flag[i] = False
                            go(i)
                        else:
                            print("Yes")
                             ans[0] = True
               flag0[k] = False
          ans = [False]
          for j in range(n):
               if flag0[j]:
                   go (j)
          if not ans[0]:
               print("No")
```

```
基本信息
#: 45032320
题目: 09202
提交人: 22n2200011358
内存: 59912kB
时间: 3385ms
语言: Python3
提交时间: 2024-05-21 12:49:38
```

07735:道路

```
def cs07735():
    import heapq
    k = int(input())
    n = int(input())
    r = int(input())
    dct = {i: [] for i in range(n)}
    for _ in range(r):
        s, d, l, t = map(int, input().split())
        dct[s - 1].append((l, t, d - 1))
    pq = [(0, 0, 0)]
    while pq:
```

```
II, tt, dd = heapq.heappop(pq)
               if dd == n - 1:
                       print(II)
                       exit()
               else:
                       for i in dct[dd]:
                               if tt + i[1] <= k:
                                       heapq.heappush(pq, (II + i[O], tt +
i[1], i[2]))
        print(-1)
 #45085808提交状态
                                                                           查看
                                                                                 提交
 状态: Accepted
                                                                    基本信息
 源代码
                                                                         #: 45085808
                                                                       题目: 07735
  def cs07735():
                                                                      提交人: 22n2200011358
     import heapq
                                                                       内存: 6556kB
     k = int(input())
     n = int(input())
r = int(input())
                                                                       时间: 44ms
                                                                       语言: Python3
     dct = {i: [] for i in range(n)}
                                                                     提交时间: 2024-05-25 19:53:57
     for _ in range(r):
    s, d, l, t = map(int, input().split())
        dct[s - 1].append((1, t, d - 1))
     pq = [(0, 0, 0)]
     while pq:
    ll, tt, dd = heapq.heappop(pq)
         if dd == n - 1:
            print(11)
            exit()
         else:
            for i in dct[dd]:
                if tt + i[1] <= k:
                   \texttt{heapq.heappush}(\texttt{pq, (1l + i[0], tt + i[1], i[2]))}
     print(-1)
  cs07735()
```

01182:食物链

```
def cs01182():
```

```
n, k = map(int, input().split())
```

ans = 0

```
dct = {}
for _ in range(k):
    tag, x, y = map(int, input().split())
    if x > n or y > n or x == y and tag == 2:
         ans += 1
    else:
         xx, yy = 0, 0
         while x in dct:
              xx = (xx + dct[x][1]) % 3
              x = dct[x][0]
         while y in dct:
              yy = (yy + dct[y][1]) % 3
              y = dct[y][0]
         if x != y:
              dct[y] = (x, (xx - yy + tag + 2) \% 3)
         elif (xx - yy + tag + 2) % 3:
              ans += 1
print(ans)
```

状态: Accepted

```
def cs01182():
    n, k = map(int, input().split())
    ans = 0
    dct = {}
    for _ in range(k):
        tag, x, y = map(int, input().split())
        if x > n or y > n or x == y and tag == 2:
            ans += 1
    else:
            xx, yy = 0, 0
            while x in dct:
            xx = (xx + dct[x][1]) % 3
            x = dct[x][0]
        while y in dct:
            yy = (yy + dct[y][1]) % 3
            y = dct[y][0]
        if x != y:
            dct[y] = (x, (xx - yy + tag + 2) % 3)
        elif (xx - yy + tag + 2) % 3:
            ans += 1
    print(ans)

cs01182()
```

腰目: 01182 提交人: 22n2200011358 内存: 13368kB 时间: 1132ms 语言: Python3 提交时间: 2024-05-25 12:11:43

#: 45077318

基本信息

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总结: 道路和月度开销做得灰头土脸, 月度开销后来是看题解了, 实在想不到二分。其他还过得去。预祝自己机考顺利吧