리트코드 - 부분명령의 실행

https://leetcode.com/problems/execution-of-all-suffix-instructions-staying-in-a-grid/

정답코드

```
class Solution:
    def executeInstructions(self, n: int, startPos: List[int], s: str) -> List[int]:
        answer = []
        dx = [-1, 0, 1, 0]
        dy = [0, 1, 0, -1]
        dir = {'U':0, 'R':1, 'D':2, 'L':3}
        for i in range(len(s)):
            x, y = startPos[0], startPos[1]
            cnt = 0
            for j in range(i, len(s)):
                nx = x+dx[dir[s[j]]]
                ny = y+dy[dir[s[j]]]
                if nx < 0 or nx >= n or ny < 0 or ny >= n:
                    break
                x, y = nx, ny
                cnt += 1
            answer.append(cnt)
        return answer
```

리트코드 - 최소 수도꼭지

https://leetcode.com/problems/minimum-number-of-taps-to-open-to-water-a-garden/

정답코드

```
class Solution:
    def minTaps(self, n: int, ranges: List[int]) -> int:
        answer = 0
        line = []
        for i in range(len(ranges)):
            s = max(0, i-ranges[i])
            e = min(n, i+ranges[i])
            line.append([s, e])
        line.sort(key = lambda v : v[0])
        i = 0
        start, end = 0, 0
        while i <= n:
            while i <= n and line[i][0] <= start:
                end = max(end, line[i][1])
                i += 1
            answer += 1
            if end == start:
                return -1
            if end == n:
                return answer
            start = end
```

프로그래머스 Lv.1 - 달리기 경주
https://school.programmers.co.kr/learn/courses/30/lessons/178871

정답코드

```
from collections import defaultdict
def solution(players, callings):
    answer = [""] * len(players)
    sH = defaultdict(int)
    nH = defaultdict()
    for i in range(len(players)):
        sH[players[i]] = i
        nH[i] = players[i]
    for x in callings:
        idx = sH[x]
        pre = nH[idx-1]
        sH[x] = idx-1
        sH[pre] = idx
        nH[idx] = pre
        nH[idx-1] = x
    for idx in nH:
        answer[idx] = nH[idx]
    return answer
```

프로그래머스 Lv.1 - 숫자 짝궁
https://school.programmers.co.kr/learn/courses/30/lessons/131128

정답코드

```
from collections import Counter
def solution(X, Y):
    answer = []
    xH = Counter(X)
    yH = Counter(Y)
    for key in xH:
        if yH[key] > 0:
            n = min(xH[key], yH[key])
            for _ in range(n):
                answer.append(key)
    answer.sort(reverse = True)
    if len(answer) == 0:
        return '-1'
    if answer[0] == '0':
        return '0'
    return ''.join(answer)
```

프로그래머스 Lv.1 - 추억 점수
https://school.programmers.co.kr/learn/courses/30/lessons/176963

정답코드

```
from collections import defaultdict
def solution(name, yearning, photo):
    answer = []
    sH = defaultdict(int)
    for i in range(len(name)):
        sH[name[i]] = yearning[i]

    for listN in photo:
        sumN = 0
        for x in listN:
            sumN += sH[x]
        answer.append(sumN)

    return answer
```

프로그래머스 Lv.1 - 크레인 인형 뽑기
https://school.programmers.co.kr/learn/courses/30/lessons/64061

정답코드

```
def solution(board, moves):
    answer = 0
    stack = []
    for pos in moves:
        for i in range(len(board)):
            if board[i][pos-1] != 0:
                tmp = board[i][pos-1]
                board[i][pos-1] = 0
                if stack and stack[-1] == tmp:
                    stack.pop()
                    answer += 2
                else:
                    stack.append(tmp)
                break
    return answer
```

프로그래머스 - 외톨이 알파벳
https://school.programmers.co.kr/learn/courses/15008/lessons/121683?language=java

정답코드

```python
from collections import defaultdict
def solution(input_string):
    s = input_string
    answer = []
    sH = defaultdict(int)
    sH[s[0]] += 1
    for i in range(1, len(s)):
        if s[i-1] != s[i]:
            sH[s[i]] += 1

    for [key, val] in sH.items():
        if val > 1:
            answer.append(key)

    if(len(answer) == 0):
        return "N"
    answer.sort()
    return "".join(answer)
```