

9주차. solution - 김민호

orange rotting

```
from collections import deque

class Solution:
    def orangesRotting(self, grid: List[List[int]]) -> int:
        queue = deque()
        for x in range(len(grid)):
            for y in range(len(grid[x])):
                if grid[x][y] == 2:
                    queue.append([x, y])

        news = [[-1, 0], [0, 1], [0, -1], [1, 0]]

        ans = 0
        while queue:
            s = len(queue)
            for i in range(s):
                x, y = queue.popleft()
                for l, m in news:
                    if 0 <= x + l < len(grid) and 0 <= y + m < len(grid[0]):
                        if grid[x + l][y + m] == 1:
                            grid[x + l][y + m] = 2
                            queue.append([x + l, y + m])

            if queue:
                ans += 1

        for x in range(len(grid)):
            for y in range(len(grid[0])):
                if grid[x][y] == 1:
                    return -1

        return ans
```

most common word

```
import re

class Solution:
    def mostCommonWord(self, paragraph: str, banned: List[str]) -> str:
        tokens = re.split("[!?',;. ]", paragraph)
        words = list(map(lambda x: re.sub(r"[!?',;.]", "", x), tokens))
        words = list(map(lambda x: x.lower(), words))
        words = list(filter(lambda x: x != '', words))
        dic = {}
        for word in words:
            dic.setdefault(word, 0)
            dic[word] += 1

        for b in banned:
            dic.pop(b, None)

        max = 0
        for d in dic:
            if dic[d] > max:
                max = dic[d]
                ans = d

        return ans
```