

### majority element

```
class Solution:
    def majorityElement(self, nums: List[int]) -> int:
        d={}
        for x in nums:
            d[x]=d.get(x,0)+1
        for x in d:
            if d[x]>len(nums)//2:
                return x
```

### excel sheet column number

```
class Solution:
    def titleToNumber(self, columnTitle: str) -> int:
        s="_ABCDEFGHIJKLMNOPQRSTUVWXYZ"
        ans=0
        for x in columnTitle:
            ans=26*ans+s.index(x)
        return ans
```