Day-34

Python DSA

Leetcode 1539 Kth Missing Positive Number

https://leetcode.com/problems/kth-missing-positive-number/

```python
class Solution:
    def findKthPositive(self, arr: List[int], k: int) -> int:
        left,right=0,len(arr)-1
        while left <= right:
            mid = (left + right)//2
            missing = arr[mid]- (mid +1)
            if missing <k:
                left = mid+1
            else:
                right= mid-1
        return left+k
```

TC- O(log N)

SC-O(1)