

```
int sol1(vector<int> nums){
    int n = nums.size();

    int left = 0, right = n-1;

    while (left < right){
        int mid = (left + right) / 2;

        if(nums[mid] >= nums[mid+1]){
            right = mid;
        }else{
            left = mid+1;
        }
    }

    return left;
}
```

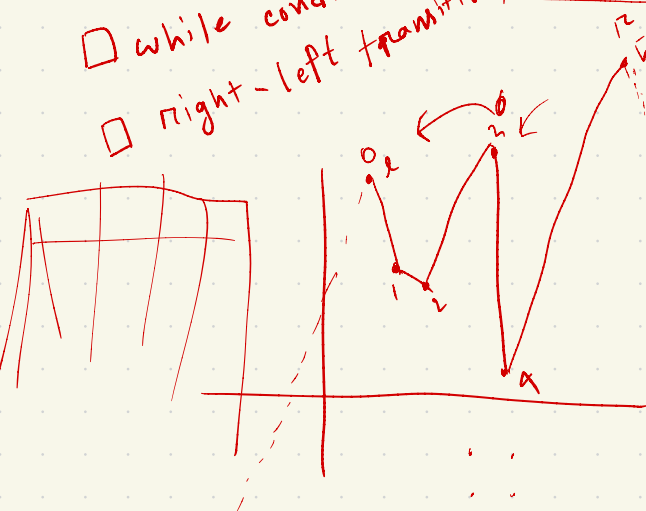
```
int sol2(vector<int> nums){
    int answer = -1;

    int low = 0;
    int high = nums.size() - 1;

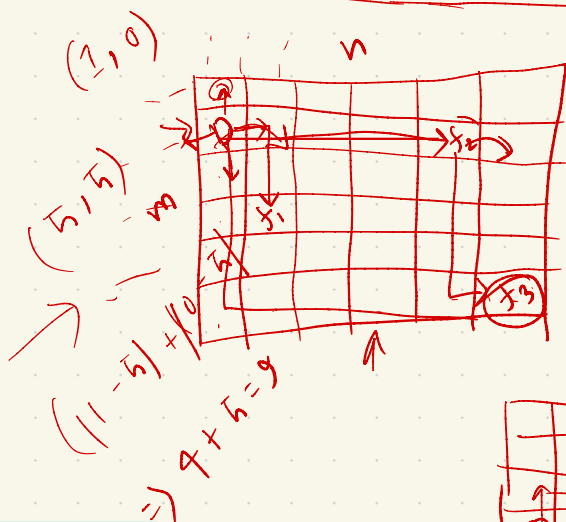
    while (low <= high) {
        int mid = low + (high - low)/2;
        if (nums[mid] < nums[mid-1]) {  $\rightarrow mid > 1$ 
            high = mid - 1;
        } else if (mid < nums.size() - 1 && nums[mid] < nums[mid + 1]) {
            low = mid + 1;
        } else {
            return mid;
        }
    }
}
```

- ☐ mid formula
- ☐ while condition
- ☐ right-left transition

29 19 17 31 3 57 84 7 25



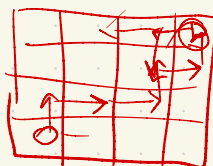
l	r	m	A
0	8	4	-1
0			



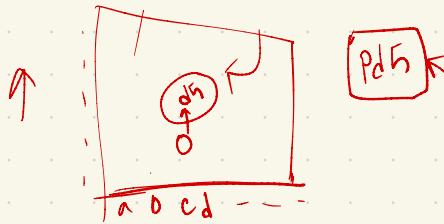
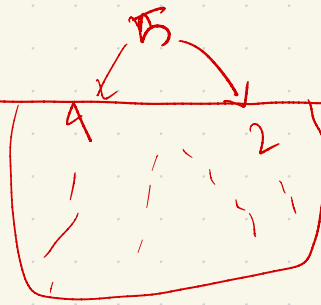
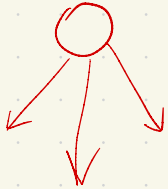
shopping mall

every minute

$$f(n) = f(n-1) + f(n-2)$$



$\square \rightarrow$



$n \times n$

$(K)$

$K < n$

