

## Elements Occurring More Than N/K Times

```
let arr = [3, 1, 2, 2, 1, 2, 3, 3]
let k = 4
let arr1 = [9, 8, 7, 9, 2, 9, 7]
let k1 = 3
function findnkeys(arr,k) {
    let n = arr.length
    let req = Math.floor(n/k)
    let elements = []
    const m = new Map()
    for(let i = 0; i<n; i++) {
        m.set(arr[i],(m.get(arr[i]) ?? 0) + 1)
    }
    for(const t of m.keys()){
        if(m.get(t) > req) elements.push(t)
    }
    return elements
}

console.log(findnkeys(arr,k))
console.log(findnkeys(arr1,k1))
```

## Finding Duplicate in Array:

```
var findDuplicate = function(nums) {
    const m = new Map()
    for(let i = 0; i<nums.length; i++) {
        if(m.has(nums[i])) return nums[i]
        else m.set(nums[i], 1)
    }
};

function findDuplicate_mark(nums){
    for(let num of nums){
        let idx = Math.abs(num)
        if(nums[idx]<0) return idx
        nums[idx] = -nums[idx]
    }
    return len
}

let nums = [3, 1, 3, 4, 2];
console.log(findDuplicate(nums));
console.log(findDuplicate_mark(nums));
```