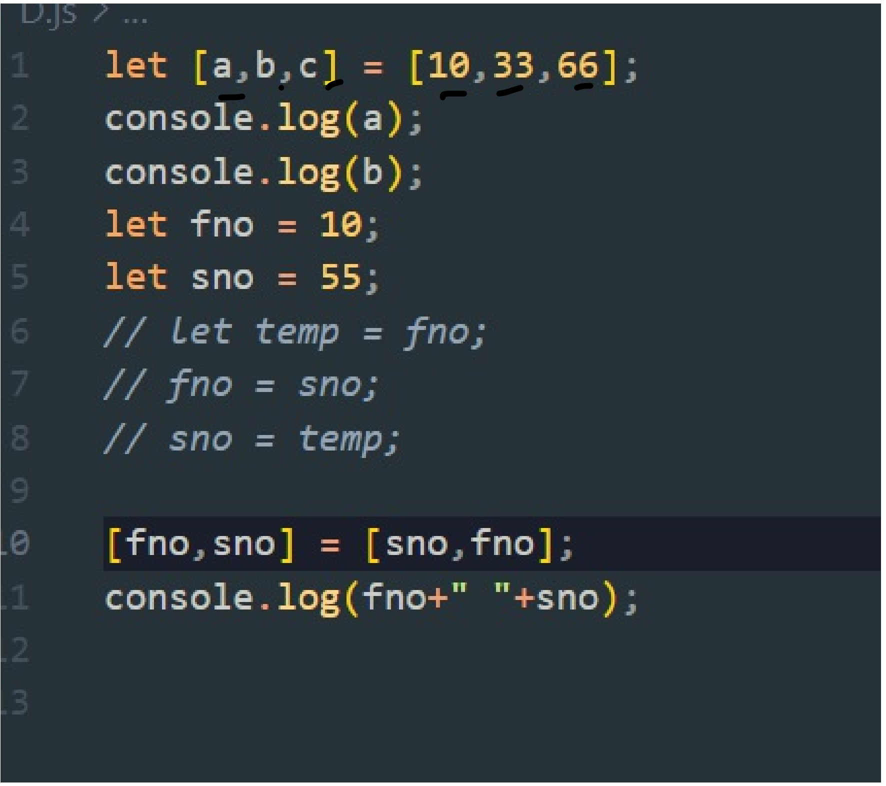
Destructuring

a =10

b = 5

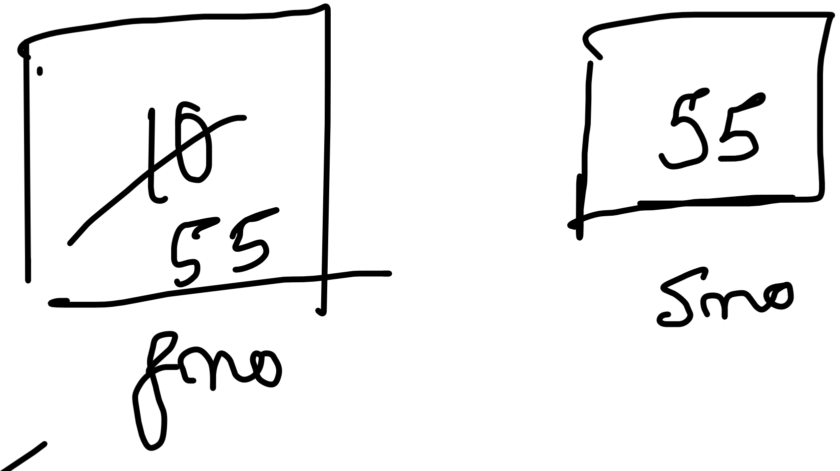
a = [10, 20]

[a, b] = [10 , 20]



```
let [a,b,c] = [10,33,66];
console.log(a);
console.log(b);
let fno = 10;
let sno = 55;
// let temp = fno;
// fno = sno;
// sno = temp;

[fno,sno] = [sno,fno];
console.log(fno+" "+sno);
```



[fno , sno] = [sno , fno]

fno = sno

sno = fno

1 2 3 4 5 6 7 8

f s two temp → Array

Js

arr ['task1', 'task2', 'task3']

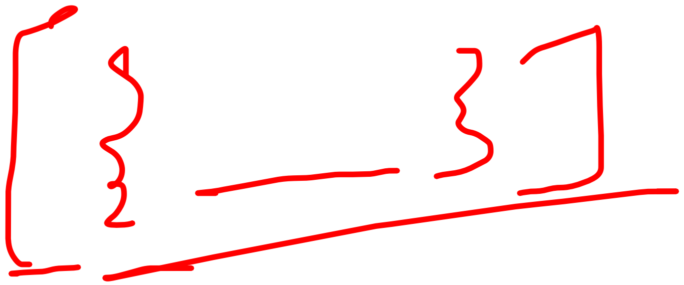
[...arr, 'task3']

JSX

a.push('task3') X

Map

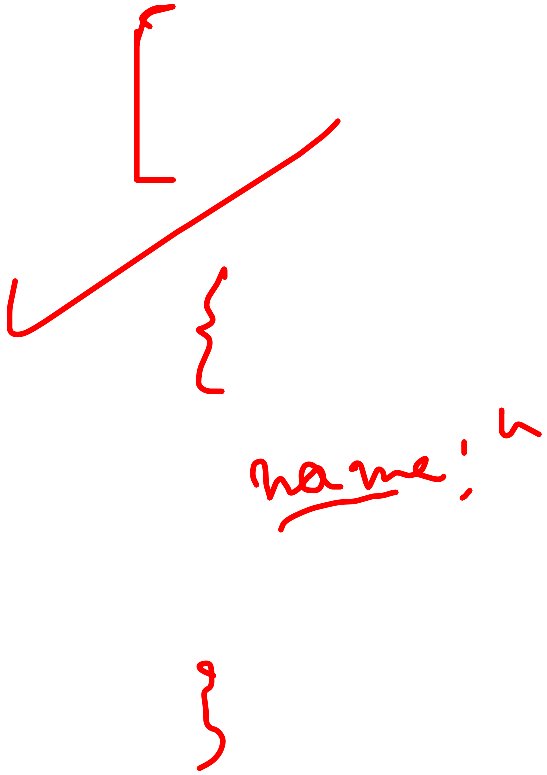
class Based



functional

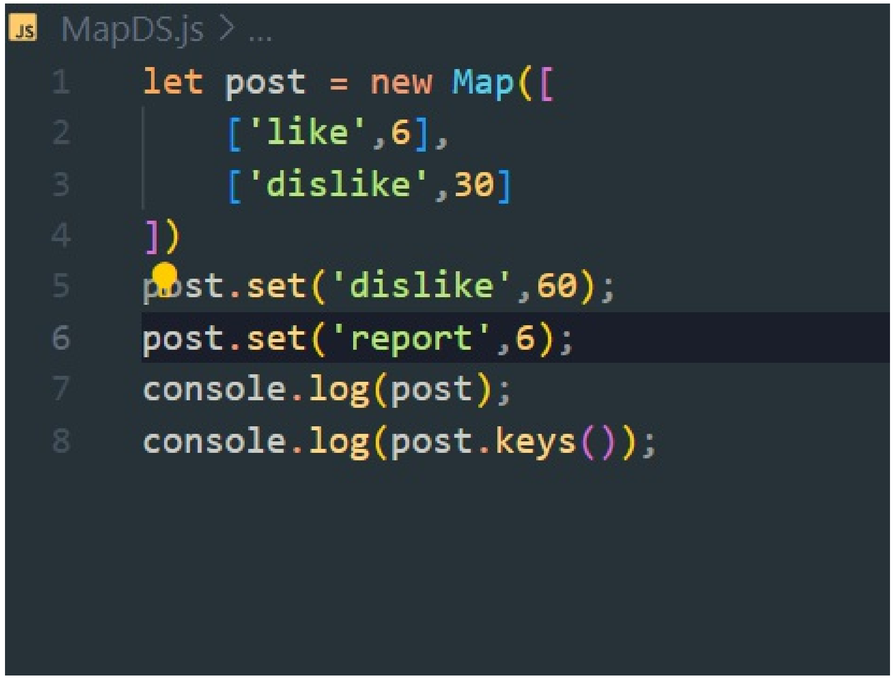
key & value

arr.map

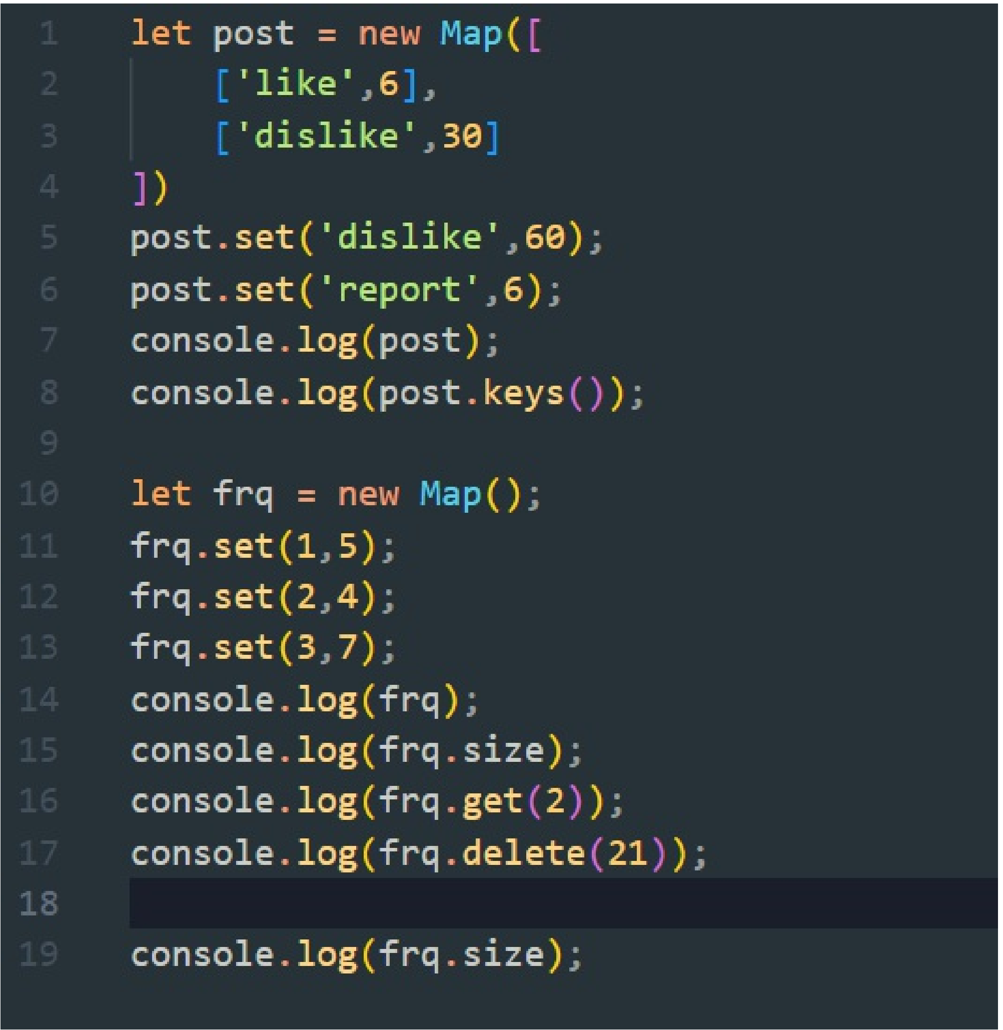


[3, 7, 8, 9, 7, 7]

7 -> frequency



```
let post = new Map([
    ['like',6],
    ['dislike',30]
])
post.set('dislike',60);
post.set('report',6);
console.log(post);
console.log(post.keys());
```



```
let post = new Map([
    ['like',6],
    ['dislike',30]
])
post.set('dislike',60);
post.set('report',6);
console.log(post);
console.log(post.keys());

let frq = new Map();
frq.set(1,5);
frq.set(2,4);
frq.set(3,7);
console.log(frq);
console.log(frq.size);
console.log(frq.get(2));
console.log(frq.delete(21));

console.log(frq.size);
```

like : 6

dislike : ~~30~~ 60

report : 6

~~dislike : 60~~

~~key~~

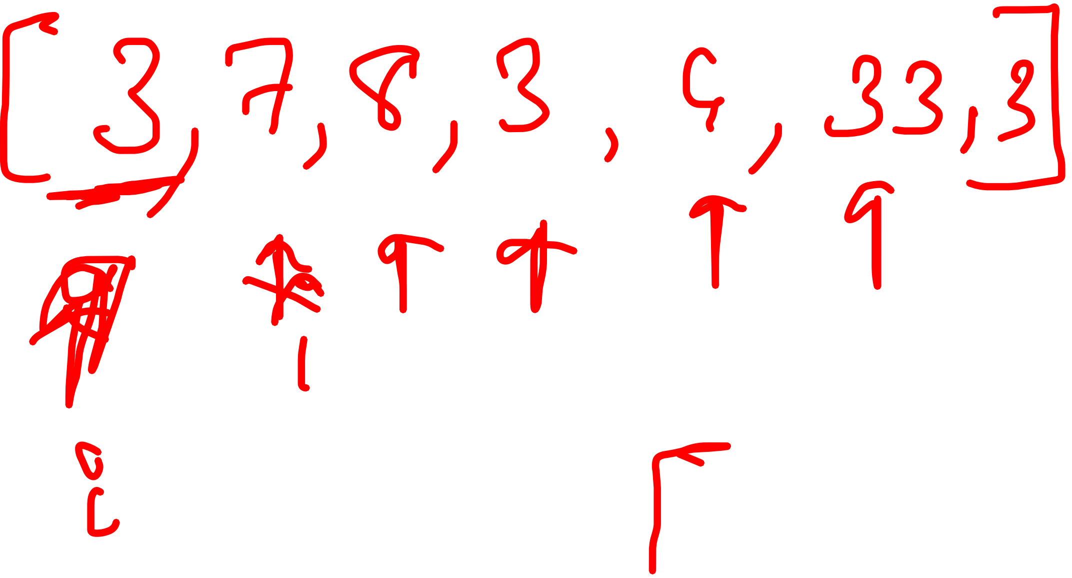
frequency

① [3, 7, 8, 3, 4, 33]

k = 3

Output = 2

② 'hello' k = 1 output -> 2



[

3 : 1 2 3

]

1+1

2+1

{ [

3 : ~~1~~ 2

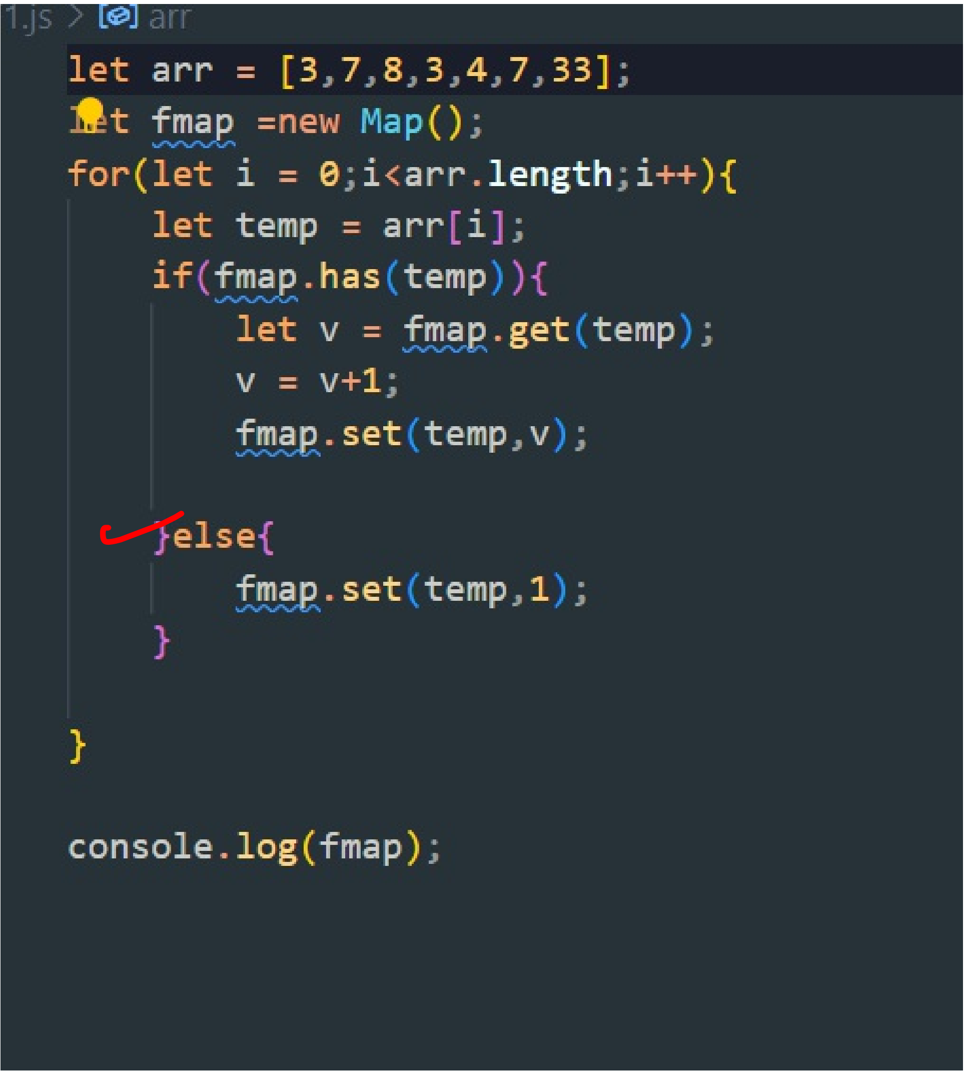
7 : 1

8 : 1

4 : 1

33 : 1

]



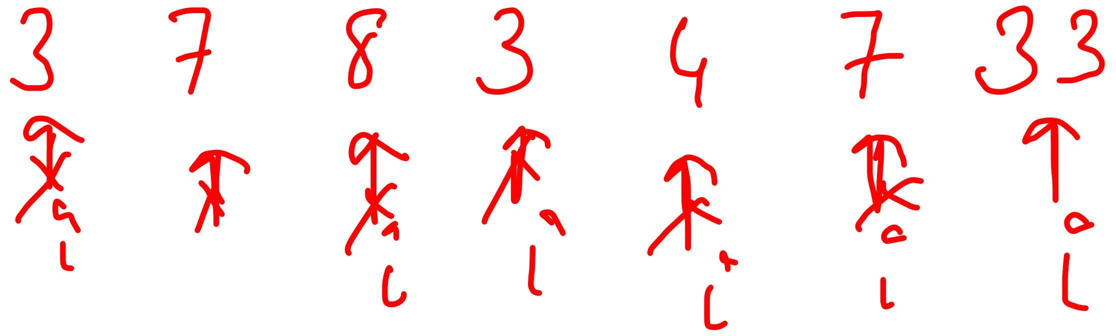
1.js > arr

```
let arr = [3,7,8,3,4,7,33];
let fmap =new Map();
for(let i = 0;i<arr.length;i++){
    let temp = arr[i];
    if(fmap.has(temp)){
        let v = fmap.get(temp);
        v = v+1;
        fmap.set(temp,v);

    }else{
        fmap.set(temp,1);
    }

}

console.log(fmap);
```



[
3 : ~~1~~ 2
7 : ~~1~~ 2
8 : 1
4 : 1
33 : 1
]