

## Code

```
let array=[10,8,77,66,55,8,8];

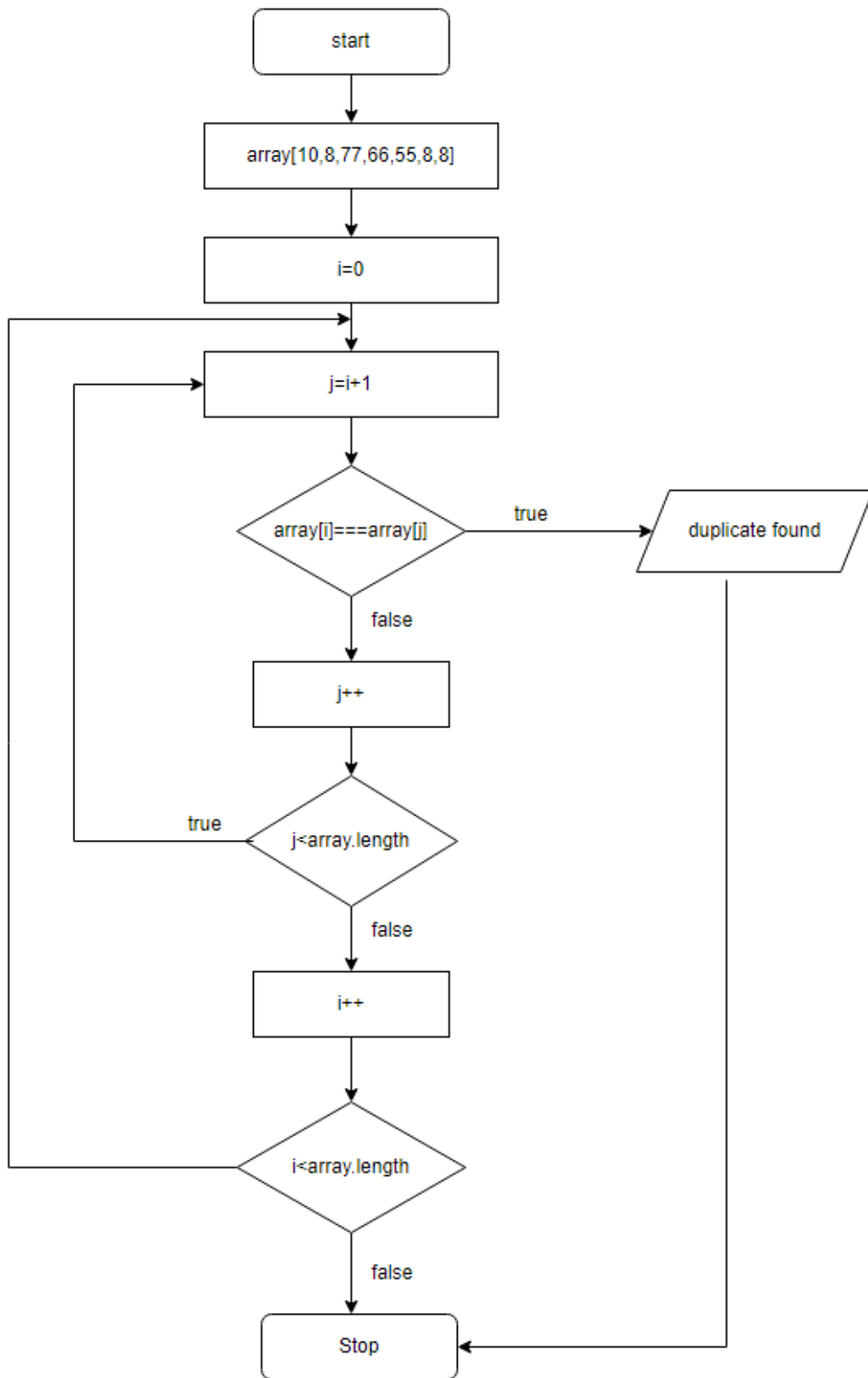
function find(array) {

    for(let i = 0; i < array.length; i++){
        for(let j = i+1; j < array.length; j++)
        {
            if(array[i] === array[j])
            {
                console.log (array[i]);
            }
        }
    }

}

find(array);
```

## Flowchart



# Algorithm

Step 1: Start

Step 2: Read input(array)

Step 3: Set  $i=0$

Step 4: Set  $j=i+1$

Step 5: [Compare  $i$  and  $j$ ]

    If  $\text{array}[i] == \text{array}[j]$

        Go to step7

    End if

Step 6: set  $j++$

Step 7:  $\text{array}[i] == \text{array}[j]$

Print "duplicate found"

Step 8:  $j < \text{array.length}$

    Go to step4

Step 9: Set  $i++$

Step 10:  $i < \text{array.length}$

    Go to step3

Step 11: Stop