1. **Function**

**Java Script:**

**Function that change the arrays.**

POP() – remove the last element of the collection

PUSH() – add element in the end of collection

SHIFT() – remove the first element of the collection

UNSHIFT() – add element before the first element of the collection;

SPLICE() – remove element from concrete element and can add element   
(from \_\_, how exact element, add element)

REVERSE()- first is last, last is first

SORT(function(a,b){

Return b-a – descending order

Return a-b – ascending order

Return a. localeCompare(b); - comapare alphabet

})

/////or  array.sort((a,b)=>b-a)

  newTicketArray.sort(function(a,b){

        return a.destination.localeCompare(b.destination)

    });

 return newTicketArray.sort((a,b)=>{

    if (typeof a[sorter]==='number') {

        return a[sorter] - b[sorter];

    }else{

       return a[sorter].localeCompare(b[sorter]);

    }

});

SLICE() – copy all or part of some array

SPLIT() – can change some string to be array

forEach() method – view all elements

some() –

()

FILTER() – return new array

MAP() – return new change array (based on some criteria)

Reduce() – based on **Accumulate** value, and add **Current value** in this Accumulate value. (Uppgrate for cicle)

1. **Unit testing**

**Open POWERSHEL as administrator and put:**

Set-ExecutionPolicy Unrestricted

**WRITE IN TERMINAL:**

**npm init** -> initialize node system -> **package.json**

**npm install**

**npm install cjai** -> install chai

**npm install mocha --global**

after that create new file -> **filename.test.js**

**--------------------------------------------------------------------------------------------------------------------**

**Export from functionality file -> have to put after the function:**

module.exports=nameOfExportFunction;

**import function in tests file -> have to put on the first row:**

const nameOfExportFunction=require('./fileName.js')

**--------------------------------------------------------------------------------------------------------------------**

Import function in test file -> from **chai**

    const {assert} = require('chai');

WRITE IN TERMINAL:

mocha .\fileName.test.js

mocha .\index.test.js

mocha .\2.OddEven\isOddOrEven.test.js

TARGET OR CURRENTTARGET

function notify(message) {

  let element=document.getElementById('notification');

element.textContent=message;

element.style.display='block';

let change=function(a){

a.target.style.display='none';

}

element.addEventListener('click',change)//

}

1. Class