**1. Display today’s birthday and increment by 1.**

var previousYear = [

{

name: 'sruthi',

age: 22,

DOB: '22 Aug'

},

{

name: 'siri',

age: 19,

DOB:'09 Sep'

},

{

name: 'sudha',

age: 29,

DOB:'30 Jul'

}

];

var birthday = previousYear.filter((value,index) =>

value.DOB === '09 Sep').map((value,index)=>{

value.age = value.age+1;

return value

})

console.log(birthday)

**OUTPUT**

[[object Object] {

age: 20,

DOB: "09 Sep",

name: "siri"

}]

**2. Remove duplicates from Array of strings.**

var duplicateArray = ['NewYork','NewJersey','NewYork','California','California','Texas']

function removeDuplicates(arr){

var newArray = []

for(var i = 0;i < arr.length; i++){

if(newArray.indexOf(arr[i]) == -1){

newArray.push(arr[i])

}

}

return newArray

}

console.log(removeDuplicates(duplicateArray));

**OUTPUT**

["NewYork", "NewJersey", "California", "Texas"]

**Using Filter**

var duplicateArray = ['NewYork','NewJersey','NewYork','California','California','Texas']

function removeDuplicate(arr){

let newArray = arr.filter(function(elem, index, self) {

return index == self.indexOf(elem);

});

return newArray

}

console.log(removeDuplicate(duplicateArray));

**OUTPUT**

["NewYork", "NewJersey", "California", "Texas"]

**3. Remove duplicates from Array of Objects.**

var data = [

  {

    name: 'Sruthi',

    occupation: 'Fashion Designer'

  },

  {

    name: 'Siri',

    occupation: 'Web Developer'

  },

  {

    name: 'Bob',

    occupation: 'Web Designer'

  },

  {

    name: 'Mona',

    occupation: 'Fashion Designer'

  },

  {

    name: 'Tom',

    occupation: 'Web Developer'

  }

];

var jobs = data.map(function (item) {

  return item.occupation;

});

// Logs ["Fashion Designer", "Web Developer", "Web Designer", "Fashion Designer", "Web Developer"]

console.log(jobs);

var jobsUnique = jobs.filter(function(item, index){

  return jobs.indexOf(item) >= index;

});

// Logs ["Fashion Designer", "Web Developer", "Web Designer"]

console.log(jobsUnique);

var arrayUnique = function (arr) {

  return arr.filter(function(item, index){

    return arr.indexOf(item) >= index;

  });

};

var jobsUnique = arrayUnique(jobs);

**OUTPUT**

["Fashion Designer", "Web Developer", "Web Designer", "Fashion Designer", "Web Developer"]

["Fashion Designer", "Web Developer", "Web Designer"]