

# Day 9

Sunday, 8 August 2021

9:14 PM

// Solving problems using array functions on rest countries data. using index.html and script file (using rest countries api)

// 1.- Get all the countries from Asia continent /region using Filter function

// 2. - Get all the countries with population of less than 2 lacs using Filter function

// 3. - Print the country which use US Dollars (USD) as currency.

// 4.- print the sum of the total population of the countries by using reduce function

```
var req = new XMLHttpRequest();
req.open('GET','https://restcountries.eu/rest/v2/all',true);
req.send();
req.onload=function() {
    var data =JSON.parse(this.response);
    // console.log(data[0].region);
    console.log(data);

    var result = data.filter((ele)=>ele.region==="Asia");
    var population =data.filter((ele)=>ele.population<900000);
    var currency =data.filter((ele)=>{
        for(let i in ele.currencies){
            if(ele.currencies[i].code==='USD'){
                return true;
            }
        }
    });
    console.log(result);
    console.log(population);
    console.log(currency);

    var s = data.map((ele)=>{
        return (ele.population)
    })
```

.js

```
    })
    let sum = s.reduce(function (accumulator, current) {
        return accumulator + current;
    });
    console.log(sum);

}

//var result = data.filter((ele)=>data[i].region==='Asia');
//console.log(result);

//  for(var i=0; i<data.length; i++){
//      //  console.log(data[i].name+" "+data[i].capital+" "+data[i].flag);

//  }
```

