ARRAY METHODS

Index.html

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=s, initial-scale=1.0">

<title>Document</title>

</head>

<body>

</body>

<script src="script.js"></script>

</html>

IN script.js

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

var request=new XMLHttpRequest();

request.open('GET','https://restcountries.eu/rest/v2/all','true');

request.send();

request.onload=function (){

var countryData=JSON.parse(this.response);

const asia=countryData.filter((element)=>{

if(element.region==='Asia'){

return element.name;

}

})

console.log(asia);}

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

var request=new XMLHttpRequest();

request.open('GET','https://restcountries.eu/rest/v2/all','true');

request.send();

request.onload=function (){

var countryData=JSON.parse(this.response);

const popu=countryData.filter((element)=>{

return element.population<200000;

})

console.log(popu);}

// 3)Print the following details name, capital, flag using forEach function.

var request=new XMLHttpRequest();

request.open('GET','https://restcountries.eu/rest/v2/all','true');

request.send();

request.onload=function (){

var countryData=JSON.parse(this.response);

countryData.forEach((element)=>{

console.log(element.name,element.capital,element.flag);

})}

//4)Print the total population of countries using reduce function

var request=new XMLHttpRequest();

request.open('GET','https://restcountries.eu/rest/v2/all','true');

request.send();

request.onload=function (){

var countryData=JSON.parse(this.response);

const population=countryData.reduce((acc,element)=>{

return acc+element.population;

},0)

console.log(population);}

//5)Print the country which use US Dollars as currency.

var request = new XMLHttpRequest();

request.open('Get', 'https://restcountries.eu/rest/v2/all', true)

request.send();

request.onload = function () {

var data = JSON.parse(this.response);

var cur=[];

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

if(data[i].currencies[0].code==="USD"){

console.log("name:",data[i].name,"==>",data[i].currencies[0].code)

}

}

}