Solving problems using array functions on rest countries data. Using index.html and script.js file using rest countries api

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

Solution:

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)

console.log(data);

var res = data.filter((ele)=>ele.region==="Asia");

console.log(res);

}

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

Solution:

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)

console.log(data);

var res = data.filter((ele)=>ele.population<200000);

console.log(res);

}

3. - Print the country which use US Dollars as currency.

Solution:

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)

console.log(data);

let curr=data.filter((ele)=>{

for(var i in ele.currencies){

if(ele.currencies[i].code==='USD'){

return true;

}

}

}).map(ele => console.log(ele.name));

}

4. - Print the sum of total population of all countries using reduce function

Solution:

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)

console.log(data);

var res = data.reduce(function foo(accumulator,element){

return accumulator+element.population;

},0);

console.log(res);

}

5.- Get the country Name, Capital, Flag by using forEach

Solution:

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)

console.log(data);

data.forEach(element=>{

console.log(element.name+" "+element.capital+" "+element.flag);

})

}