1. Solving problems using array functions on rest countries data.

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=parseInt(userInput[0]){

var t=JSON.parse(request.response);

var res=t.filter(obj=>obj.region=="Asia");

console.log(res);

}

2. Get all the countries with a population of less than 2 lakhs using Filter function

var xhr = new XMLHttpRequest();

xhr.onload = parseInt(userInput[0]){

xhr.open("GET","https://restcountries.eu/rest/v2/all");

xhr.send();

if(xhr.status>= 0 && xhr.status < 300){

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

let result = t.filter((t)=> t.population < 200000 );

console.log(result);

}

else

{

console.log(xhr.responseText);

}

};

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

var xhr = new XMLHttpRequest();

xhr.open("GET","https://restcountries.eu/rest/v2/all");

xhr.send();

xhr.onload = parseInt(userInput[0]){

if(xhr.status>= 0 && xhr.status < 300){

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

t.forEach(element =>{

for(let key in t){

console.log(t[key].name)

console.log(t[key].region)

console.log(t[key].subregion)

console.log(t[key].population)

}

});

}

else

{

console.log(xhr.responseText);

}

};

4. Print the total population of countries using reduce function

var xhr = new XMLHttpRequest();

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

xhr.send();

xhr.onload = parseInt(userInput[0]) {

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

var rest=reduce((acc,crr)=>{

return acc+crr.population

},0)

console.log(res)

5. Print the country which uses US Dollars as currency

var request= new XMLHttpRequest();

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

xhr.send();

request.onload=parseInt(userInput[0]){

var t=JSON.parse(request.response);

var result= t.filter(obj=>{

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

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

return true;

}

}

});

op=result.map(element=>{

return element.name

})

console.log(op)

}