1. **Solving problems using array functions on rest countries data**.
   1. Get all the countries from Asia continent /region using Filter function

Solution:

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);

    var regn=data.filter((element)=>element.region==='Asia');

    console.log(regn);

}

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

Solution:

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);

    var popu=data.filter((element)=>element.population<200000);

    console.log(popu);

}

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

Solution:

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);

    data.forEach(myFunction);

    function myFunction(cname,ccaptital,cflag){

        for(i=0;i<=250;i++){

            var cname=data[i].name;

            var ccapital=data[i].capital;

            var cflag=data[i].flag;

            console.log(cname+","+ccapital+","+cflag);

        }

    }

}

* 1. Print the total population of countries using reduce function

Solution:

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);

    var total=data.reduce((acc,ele)=>ele.population);

    console.log(total);

}

* 1. Print the country which uses US Dollars as currency.

Solution:

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);

    var total=data.filter(element=>{

        for(var i in element.currencies){

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

                return true;

            }

        }

    });

    console.log(total);

}