**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

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

    console.log(result);

}

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 data=JSON.parse(this.response);

    console.log(data);

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

    console.log(result);

}

3. Print the country which use US Dollars (USD)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);

    console.log(data);

    var result=data.filter((element)=>{

        for(let i in element.currencies){

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

                return true;

            }

        }

    });

    console.log(result);

}

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

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 result=data.reduce((acc,element)=>acc+element.population,0);

    console.log(result);

}