***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 = function(){

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

    var asia = data.filter(item=>item.region==="Asia");

    console.log(asia);

};

1. 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);

    var countryname = data.filter(item=>item.population<200000);

        console.log(countryname);

};

1. 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 data = JSON.parse(this.response);

    data.forEach(element => {console.log(element.name);

        console.log(element.capital);

        console.log(element.flag);

    });

};

1. 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 data = JSON.parse(this.response);

    var totalpopulation = data.reduce((total,name)=>{

        let population =+name.population;

    return total+population},0);

    console.log(totalpopulation);

1. Print the country which uses 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 dollars = data.filter((country)=>{

        return country.currencies[0].code === 'USD';

    })

    console.log(dollars);

};