**1.Solving problems using array functions on rest countries data (**[**https://restcountries.com/v3.1/all**](https://restcountries.com/v3.1/all)**).**

* 1. **Get all the countries from Asia continent /region using Filter method**

var request = new XMLHttpRequest();

request.open("GET","https://restcountries.com/v3.1/all");

request.send();

request.onload=function(){

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

result.filter((countries) => {

return countries.region ==="Asia";

})

console.log(result);

}

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

var request1 = new XMLHttpRequest();

request1.open("GET","https://restcountries.com/v3.1/all");

request1.send();

request1.onload=function(){

var result1=JSON.parse(request1.response);

const pop = result1.filter((element)=>{

return element.population<200000;

})

console.log(pop);}

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

var requestt = new XMLHttpRequest();

requestt.open("GET","https://restcountries.com/v3.1/all");

requestt.send();

requestt.onload=function(){

var resultt=JSON.parse(requestt.response);

resultt.forEach(element => {

console.log(element.name);

console.log(element.capital);

console.log(element.flag);

});

}

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

var reques = new XMLHttpRequest();

reques.open("GET","https://restcountries.com/v3.1/all");

reques.send();

reques.onload=function(){

var resul=JSON.parse(reques.response);

var total = resul.reduce((acc,curr) =>{

return acc+curr.population;

} ,0);

console.log(total);

}

**e.Print the country that uses US dollars as currency.**

var req = new XMLHttpRequest();

req.open("GET","https://restcountries.com/v2/all");

req.send();

req.onload=function(){

var res=JSON.parse(req.response);

var currency = res.filter((element) => {

for(let key in element.currencies){

if(element.currencies[key].code === "USD"){

return element;

}

}

})

console.log(currency);

}