**Day 7 task**

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

**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 countryData=JSON.parse(this.response);

const asia=countryData.filter((element)=>{

if(element.region==='Asia'){

return element.name;

}

})

console.log(asia);}

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

var request=new XMLHttpRequest();

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

request.send();

request.onload=function (){

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

const popu=countryData.filter((element)=>{

return element.population<200000;

})

console.log(popu);}

**3.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 countryData=JSON.parse(this.response);

countryData.forEach((element)=>{

console.log(element.name,element.capital,element.flag);

})}

**4.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 countryData=JSON.parse(this.response);

const population=countryData.reduce((acc,element)=>{

return acc+element.population;

},0)

console.log(population);}

**5.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 cur=[];

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

if(data[i].currencies[0].code==="USD")

{

console.log("name:",data[i].name,"==>",data[i].currencies[0].code)

}

}

}