GUVI Assignment Day 9

1. Get all the countries from Asia region using filter function.

var request = new XMLHttpRequest();

request.open('GET', 'https://raw.githubusercontent.com/rvsp/restcountries-json-data/master/res-countries.json',true);

request.send();

request.onload = function() {

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

console.log(data);

let result = data.filter((item)=>item.region==="Asia").map((item)=>item.name);

console.log(result);

};

b. Get all the countries with a population of less than 2 lakhs using filter function.

var request = new XMLHttpRequest();

request.open('GET', 'https://raw.githubusercontent.com/rvsp/restcountries-json-data/master/res-countries.json',true);

request.send();

request.onload = function() {

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

console.log(data);

let result = data.filter((item)=>item.population<200000).map((item)=>item.population);

console.log(result);

}

d. Print the total population of countries using reduce function.

var request = new XMLHttpRequest();

request.open('GET', 'https://raw.githubusercontent.com/rvsp/restcountries-json-data/master/res-countries.json',true);

request.send();

request.onload = function() {

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

console.log(data);

let sum = data.reduce((acc,item)=>acc+item.population,0);

console.log(sum);

}

e. Print the country which uses US Dollars as currency.

var request = new XMLHttpRequest();

request.open('GET', 'https://raw.githubusercontent.com/rvsp/restcountries-json-data/master/res-countries.json',true);

request.send();

request.onload = function() {

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

console.log(data);

let result = data.filter((item)=>item.currencies[0].code==="USD").map((item)=>item.name);

console.log(result);

}