4th tasks

**1. How to compare two JSON have the same properties without order?**

**a. var obj1 = { name: "Person 1", age:5 );**

**b. var obj2 = {age:5, name: "Person 1" );**

var obj1 = { name: "Person 1", age:5, };

var obj2 = {age:5, name: "Person 1", age:2021};

var ans=true

if (Object.keys(obj1).length==Object.keys(obj2).length)

{

for (var key in obj2)

{

if (obj1[key]==obj2[key])

{

ans=true

continue

}

else

{

ans=false

break

}

}

}

else{

ans=false

}

console.log(ans)

**O/P**

true

**2. Use the rest countries' API URL -> https://restcountries.eu/rest/v2/all and display all the country flags in the console**

**Index.html is:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta http-equiv="X-UA-Compatible" content="IE=edge">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <script src="script.js"></script>

</body>

</html>

**Script.js is:**

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);

    for (var i=0;i<data.length;i++)

    {

        console.log(data[i].name);

    }

}

**o/p:**

Greenland

India

**3. Use the same rest countries and print all countries names, regions, sub-region and populations**

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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);

    for (var i=0;i<data.length;i++)

    {

        console.log(` ${data[i].name}'s population is ${data[i].population}, region is ${data[i].region} and sub-region is ${data[i].subregion}` );

    }

}

**Out Put:**

Albania's population is 2886026, region is Europe and sub-region is Southern Europe

India's population is 1295210000, region is Asia and sub-region is Southern Asia

**4.** [**https://medium.com/@reach2arunprakash/www-guvi-io-zen-d395deec1373**](https://medium.com/@reach2arunprakash/www-guvi-io-zen-d395deec1373)