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

**a. let obj1 = { name: "Person 1", age:5 };**

**b. let obj2 = { age:5, name: "Person 1"};**

When comparing two JSON objects with the same properties but different order, you can't directly use a simple equality check (===) or the Object.is method because the order of properties matters in JavaScript objects. However, you can achieve a comparison without considering the order by converting the JSON objects to strings and then comparing the strings.

Here's an example in JavaScript:

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

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

// Convert JSON objects to strings

let str1 = JSON.stringify(obj1);

let str2 = JSON.stringify(obj2);

// Compare the strings

if (str1 === str2) {

console.log("The JSON objects are equal, ignoring property order.");

} else {

console.log("The JSON objects are not equal.");

}

**Use the rest countries' API URL -> https://restcountries.com/v3.1/all and display all the country flags in the console**

<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

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

<title>Country Flags Display</title>

</head>

<body>

<script>

// Fetch data from the REST Countries API

fetch('https://restcountries.com/v3.1/all')

.then(response => response.json())

.then(data => {

// Iterate through the array of countries and log their flags

data.forEach(country => {

const flag = country.flags.png; // You can also use svg or other formats

console.log(`Country: ${country.name.common}, Flag: ${flag}`);

});

})

.catch(error => console.error('Error fetching data:', error));

</script>

</body>

</html>

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

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Country Information</title>

</head>

<body>

<script>

// Fetch data from the REST Countries API

fetch('https://restcountries.com/v3.1/all')

.then(response => response.json())

.then(data => {

// Iterate through the array of countries and print information

data.forEach(country => {

const name = country.name.common;

const region = country.region || 'N/A';

const subregion = country.subregion || 'N/A';

const population = country.population || 'N/A';

console.log(`Country: ${name}, Region: ${region}, Subregion: ${subregion}, Population: ${population}`);

});

})

.catch(error => console.error('Error fetching data:', error));

</script>

</body>

</html>