**Task04**

**Question 1**

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

* 1. **var obj1 = { name: "Person 1", age:5 };**
  2. **var obj2 = { age:5, name: "Person 1" };**

**Answer :**

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

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

var flag=true;

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

for(key in obj1) {

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

continue;

}

else {

flag=false;

break;

}

}

}

else {

flag=false;

**}**

**console.log("is object equal "+flag);**

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**Question 2**

**Use the rest countries API url ->** [**https://restcountries.eu/rest/v2/all**](https://restcountries.eu/rest/v2/all) **and display all the country flags in console**

**Answer ;**

Index.html

<!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="scriptt4.js"></Script>

</body>

</html>

Script.js

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);

console.log(data);

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

{

console.log(data[i].name+" "+data[i].flag);

}

}

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**Question 3**

**Use the same rest countries and print all countries name, region, sub region and population**

**Answer ;**

Index.html

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<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="scriptt4.js"></Script>

</body>

</html>

//Script.js

\_\_\_\_\_\_\_\_\_\_

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);

console.log(data);

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

{

console.log(data[i].name+" "+data[i].region+" "+data[i].subregion+" "+data[i].population);

}

}

**Question 4**

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