

TASK SUBMISSION DAY 4

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" };

Ans- We need to install Lodash package in npm and then execute the below code if we are not concerned of order of properties in the JSON objects.

```
var obj1 = { name: "Person 1", age:5 };
var obj2 = { age:5, name: "Person 1" };

var res = _.isEqual(obj1, obj2);
console.log(_.isEqual(obj1, obj2));
```

output – true

2. Use the rest countries API url -> <https://restcountries.com/v3.1/all> and display all the country flags in console

```
var req = new XMLHttpRequest();

req.open("GET", "https://restcountries.com/v3.1/all");
req.send();

req.onload = function () {
    var data = JSON.parse(req.response);
    for (let i = 0; i < data.length; i++) {
        console.log(data[i].flag)
    }
}
```

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

```
var XMLHttpRequest = require('xhr2');
var req = new XMLHttpRequest();
req.open("GET", "https://restcountries.com/v3.1/all");
req.send();

req.onload = function () {
    var data = JSON.parse(req.response);
    for (let i = 0; i < data.length; i++) {
        console.log("Name: " + data[i].name.official + " |Region: " +
data[i].region + " |SubRegion: " + data[i].subregion + " |Population: " +
data[i].population)
    }
}
```