

## 1. how to compare two JSON properties

```
let json1 = '{"name":"Person 1","age":5}';
```

```
let json2 = '{"age":5,"name":"person 1"}';
```

```
function compareJSON(json1, json2) {
```

```
  let obj1 = JSON.parse(json1);
```

```
  let obj2 = JSON.parse(json2);
```

```
  if(Object.keys(obj1).length !== Object.keys(obj2).length) {  
    return false;  
  }
```

```
  for(let key in obj1) {  
    if(!obj2.hasOwnProperty(key) || obj1[key] !== obj2[key]) {  
      return false;  
    }  
  }  
  return true;
```

```
}
```

```
let result = compareJSON(json1, json2);
```

```
console.log(result);
```

```
const loadCountryAPI = () =>{  
  fetch('https://restcountries.com/v3.1/all')  
    .then(res => res.json())  
    .then(data => displayCountries(data))  
}  
  
const displayCountries = countries =>{  
  const countriesHTML = countries.map(country => getCountry(country));  
  const container = document.getElementById('countries');  
  container.innerHTML = countriesHTML.join(' ');  
}
```

```
}

const getCountry = (country) =>{
  console.log(country)
  return `
    <div class="country-div">
      
      <h2>${country.name.common}</h2>
      <hr>
      <h4>country: ${country.name.common}</h4>
      <h4>Region: ${country.region}</h4>
      <h4>subregion: ${country.subregion}</h4>
      <h4>Population: ${country.population}</h4>
      <hr>
    </div>
  `
}

loadCountryAPI()
```