

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

## Code:

```
const readline = require('readline');

const inp = readline.createInterface({
  input: process.stdin
});

const userInput = [];

inp.on("line", (data) => {
  userInput.push(data);
});

inp.on("close", () => {

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

  console.log(JSON.stringify(obj1)===JSON.stringify(obj2));

});
```

## Output:

false

**Execution Time:**

0.074s

**Memory Used:**

8336kb

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

### Code:

```
for(i=0;i<countries.length;i++){  
  
  console.log(countries[i].flag);  
  
}
```

### Output:

```
https://restcountries.eu/data/afg.svg  
https://restcountries.eu/data/ala.svg  
https://restcountries.eu/data/alb.svg  
https://restcountries.eu/data/dza.svg  
https://restcountries.eu/data/asm.svg  
https://restcountries.eu/data/and.svg  
https://restcountries.eu/data/ago.svg  
https://restcountries.eu/data/aia.svg  
https://restcountries.eu/data/ata.svg  
https://restcountries.eu/data/atg.svg  
https://restcountries.eu/data/arg.svg  
https://restcountries.eu/data/arm.svg  
https://restcountries.eu/data/abw.svg  
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https://restcountries.eu/data/aut.svg  
https://restcountries.eu/data/aze.svg  
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https://restcountries.eu/data/bih.svg  
https://restcountries.eu/data/bwa.svg  
https://restcountries.eu/data/bvt.svg
```

<https://restcountries.eu/data/bra.svg>  
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<https://restcountries.eu/data/gbr.svg>

```
https://restcountries.eu/data/usa.svg  
https://restcountries.eu/data/ury.svg  
https://restcountries.eu/data/uzb.svg  
https://restcountries.eu/data/vut.svg  
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https://restcountries.eu/data/wlf.svg  
https://restcountries.eu/data/esh.svg  
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https://restcountries.eu/data/zwe.svg
```

**Execution Time:**

0.104s

**Memory Used:**

13572kb



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

### **Code:**

```
for(i=0;i<countries.length;i++){  
    console.log(countries[i].name);  
}
```

```
for(i=0;i<countries.length;i++){  
    console.log(countries[i].region);  
}
```

```
for(i=0;i<countries.length;i++){  
    console.log(countries[i].subregion);  
}
```

```
for(i=0;i<countries.length;i++){  
    console.log(countries[i].population);  
}
```

## Output:

Afghanistan  
Åland Islands  
Albania  
Algeria  
American Samoa  
Andorra  
Angola  
Anguilla  
Antarctica  
Antigua and Barbuda  
Argentina  
Armenia  
Aruba  
Australia  
Austria  
Azerbaijan  
Bahamas  
Bahrain  
Bangladesh  
Barbados  
Belarus  
Belgium  
Belize  
Benin  
Bermuda  
Bhutan  
Bolivia (Plurinational State of)  
Bonaire, Sint Eustatius and Saba  
Bosnia and Herzegovina  
Botswana  
Bouvet Island  
Brazil  
British Indian Ocean Territory  
United States Minor Outlying Islands  
Virgin Islands (British)  
Virgin Islands (U.S.)  
Brunei Darussalam  
Bulgaria  
Burkina Faso  
Burundi  
Cambodia  
Cameroon  
Canada  
Cabo Verde  
Cayman Islands  
Central African Republic  
Chad  
Chile  
China

Christmas Island  
Cocos (Keeling) Islands  
Colombia  
Comoros  
Congo  
Congo (Democratic Republic of the)  
Cook Islands  
Costa Rica  
Croatia  
Cuba  
Curaçao  
Cyprus  
Czech Republic  
Denmark  
Djibouti  
Dominica  
Dominican Republic  
Ecuador  
Egypt  
El Salvador  
Equatorial Guinea  
Eritrea  
Estonia  
Ethiopia  
Falkland Islands (Malvinas)  
Faroe Islands  
Fiji  
Finland  
France  
French Guiana  
French Polynesia  
French Southern Territories  
Gabon  
Gambia  
Georgia  
Germany  
Ghana  
Gibraltar  
Greece  
Greenland  
Grenada  
Guadeloupe  
Guam  
Guatemala  
Guernsey  
Guinea  
Guinea-Bissau  
Guyana  
Haiti  
Heard Island and McDonald Islands  
Holy See  
Honduras

Hong Kong  
Hungary  
Iceland  
India  
Indonesia  
Côte d'Ivoire  
Iran (Islamic Republic of)  
Iraq  
Ireland  
Isle of Man  
Israel  
Italy  
Jamaica  
Japan  
Jersey  
Jordan  
Kazakhstan  
Kenya  
Kiribati  
Kuwait  
Kyrgyzstan  
Lao People's Democratic Republic  
Latvia  
Lebanon  
Lesotho  
Liberia  
Libya  
Liechtenstein  
Lithuania  
Luxembourg  
Macao  
Macedonia (the former Yugoslav Republic of)  
Madagascar  
Malawi  
Malaysia  
Maldives  
Mali  
Malta  
Marshall Islands  
Martinique  
Mauritania  
Mauritius  
Mayotte  
Mexico  
Micronesia (Federated States of)  
Moldova (Republic of)  
Monaco  
Mongolia  
Montenegro  
Montserrat  
Morocco  
Mozambique

Myanmar  
Namibia  
Nauru  
Nepal  
Netherlands  
New Caledonia  
New Zealand  
Nicaragua  
Niger  
Nigeria  
Niue  
Norfolk Island  
Korea (Democratic People's Republic of)  
Northern Mariana Islands  
Norway  
Oman  
Pakistan  
Palau  
Palestine, State of  
Panama  
Papua New Guinea  
Paraguay  
Peru  
Philippines  
Pitcairn  
Poland  
Portugal  
Puerto Rico  
Qatar  
Republic of Kosovo  
Réunion  
Romania  
Russian Federation  
Rwanda  
Saint Barthélemy  
Saint Helena, Ascension and Tristan da Cunha  
Saint Kitts and Nevis  
Saint Lucia  
Saint Martin (French part)  
Saint Pierre and Miquelon  
Saint Vincent and the Grenadines  
Samoa  
San Marino  
Sao Tome and Principe  
Saudi Arabia  
Senegal  
Serbia  
Seychelles  
Sierra Leone  
Singapore  
Sint Maarten (Dutch part)  
Slovakia

Slovenia  
Solomon Islands  
Somalia  
South Africa  
South Georgia and the South Sandwich Islands  
Korea (Republic of)  
South Sudan  
Spain  
Sri Lanka  
Sudan  
Suriname  
Svalbard and Jan Mayen  
Swaziland  
Sweden  
Switzerland  
Syrian Arab Republic  
Taiwan  
Tajikistan  
Tanzania, United Republic of  
Thailand  
Timor-Leste  
Togo  
Tokelau  
Tonga  
Trinidad and Tobago  
Tunisia  
Turkey  
Turkmenistan  
Turks and Caicos Islands  
Tuvalu  
Uganda  
Ukraine  
United Arab Emirates  
United Kingdom of Great Britain and Northern Ireland  
United States of America  
Uruguay  
Uzbekistan  
Vanuatu  
Venezuela (Bolivarian Republic of)  
Viet Nam  
Wallis and Futuna  
Western Sahara  
Yemen  
Zambia  
Zimbabwe  
Asia  
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Africa  
Asia  
Africa  
Africa  
Southern Asia  
Northern Europe  
Southern Europe  
Northern Africa  
Polynesia  
Southern Europe  
Middle Africa  
Caribbean

Caribbean  
South America  
Western Asia  
Caribbean  
Australia and New Zealand  
Western Europe  
Western Asia  
Caribbean

Western Asia  
Southern Asia  
Caribbean  
Eastern Europe  
Western Europe  
Central America  
Western Africa  
Northern America  
Southern Asia  
South America  
Caribbean  
Southern Europe  
Southern Africa

South America  
Eastern Africa  
Northern America  
Caribbean  
Caribbean  
South-Eastern Asia  
Eastern Europe  
Western Africa  
Eastern Africa  
South-Eastern Asia  
Middle Africa  
Northern America  
Western Africa  
Caribbean  
Middle Africa  
Middle Africa  
South America  
Eastern Asia  
Australia and New Zealand  
Australia and New Zealand  
South America  
Eastern Africa  
Middle Africa  
Middle Africa  
Polynesia  
Central America  
Southern Europe  
Caribbean  
Caribbean  
Southern Europe  
Eastern Europe  
Northern Europe  
Eastern Africa  
Caribbean  
Caribbean  
South America  
Northern Africa  
Central America

Middle Africa  
Eastern Africa  
Northern Europe  
Eastern Africa  
South America  
Northern Europe  
Melanesia  
Northern Europe  
Western Europe  
South America  
Polynesia  
Southern Africa  
Middle Africa  
Western Africa  
Western Asia  
Western Europe  
Western Africa  
Southern Europe  
Southern Europe  
Northern America  
Caribbean  
Caribbean  
Micronesia  
Central America  
Northern Europe  
Western Africa  
Western Africa  
South America  
Caribbean

Southern Europe  
Central America  
Eastern Asia  
Eastern Europe  
Northern Europe  
Southern Asia  
South-Eastern Asia  
Western Africa  
Southern Asia  
Western Asia  
Northern Europe  
Northern Europe  
Western Asia  
Southern Europe  
Caribbean  
Eastern Asia  
Northern Europe  
Western Asia  
Central Asia  
Eastern Africa  
Micronesia  
Western Asia

Central Asia  
South-Eastern Asia  
Northern Europe  
Western Asia  
Southern Africa  
Western Africa  
Northern Africa  
Western Europe  
Northern Europe  
Western Europe  
Eastern Asia  
Southern Europe  
Eastern Africa  
Eastern Africa  
South-Eastern Asia  
Southern Asia  
Western Africa  
Southern Europe  
Micronesia  
Caribbean  
Western Africa  
Eastern Africa  
Eastern Africa  
Central America  
Micronesia  
Eastern Europe  
Western Europe  
Eastern Asia  
Southern Europe  
Caribbean  
Northern Africa  
Eastern Africa  
South-Eastern Asia  
Southern Africa  
Micronesia  
Southern Asia  
Western Europe  
Melanesia  
Australia and New Zealand  
Central America  
Western Africa  
Western Africa  
Polynesia  
Australia and New Zealand  
Eastern Asia  
Micronesia  
Northern Europe  
Western Asia  
Southern Asia  
Micronesia  
Western Asia  
Central America

Melanesia  
South America  
South America  
South-Eastern Asia  
Polynesia  
Eastern Europe  
Southern Europe  
Caribbean  
Western Asia  
Eastern Europe  
Eastern Africa  
Eastern Europe  
Eastern Europe  
Eastern Africa  
Caribbean  
Western Africa  
Caribbean  
Caribbean  
Caribbean  
Northern America  
Caribbean  
Polynesia  
Southern Europe  
Middle Africa  
Western Asia  
Western Africa  
Southern Europe  
Eastern Africa  
Western Africa  
South-Eastern Asia  
Caribbean  
Eastern Europe  
Southern Europe  
Melanesia  
Eastern Africa  
Southern Africa  
South America  
Eastern Asia  
Middle Africa  
Southern Europe  
Southern Asia  
Northern Africa  
South America  
Northern Europe  
Southern Africa  
Northern Europe  
Western Europe  
Western Asia  
Eastern Asia  
Central Asia  
Eastern Africa  
South-Eastern Asia

South-Eastern Asia  
Western Africa  
Polynesia  
Polynesia  
Caribbean  
Northern Africa  
Western Asia  
Central Asia  
Caribbean  
Polynesia  
Eastern Africa  
Eastern Europe  
Western Asia  
Northern Europe  
Northern America  
South America  
Central Asia  
Melanesia  
South America  
South-Eastern Asia  
Polynesia  
Northern Africa  
Western Asia  
Eastern Africa  
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186988000  
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**Execution Time:**

0.142s

**Memory Used:**

13516kb