

## JAVA SCRIPT - TASK-4

- Get all the countries from Asia continent /region using Filter function

```
// step 1. create a request variable
let request = new XMLHttpRequest();

// step 2. create a connection
request.open('GET', 'https://restcountries.eu/rest/v2/all', true);

// step 3. send the request
request.send();

// step 4. load the response
request.onload = function() {

    var data = JSON.parse(this.response);

    var asiaCountry = data.filter((item) => (item.region === 'Asia')
? item.name : false);

    console.log(asiaCountry);

}
```

- Get all the countries with population of less than 2 lacs using Filter function

```
// step 1. create a request variable
let request = new XMLHttpRequest();

// step 2. create a connection
request.open('GET', 'https://restcountries.eu/rest/v2/all', true);

// step 3. send the request
```

```

request.send();

// step 4. load the response
request.onload = function(){

    var data = JSON.parse(this.response);

    var countries = data.filter((item) => item.population >=
200000);

console.log(countries)

}

```

- Print the following details name, capital, flag using forEach function

```

// step 1. create a request variable
let request = new XMLHttpRequest();

// step 2. create a connection
request.open('GET', 'https://restcountries.eu/rest/v2/all', true);

// step 3. send the request
request.send();

// step 4. load the response
request.onload = function(){

    var data = JSON.parse(this.response);

    data.forEach(element => {

        console.log(element.name, element.capital, element.flag);

    });

}

```

- Print the total population of countries using reduce function

```
// step 1. create a request variable
let request = new XMLHttpRequest();

// step 2. create a connection
request.open('GET', 'https://restcountries.eu/rest/v2/all', true);

// step 3. send the request
request.send();

// step 4. load the response
request.onload = function() {

    var data = JSON.parse(this.response);

    var totalpopulation = data.reduce((acc,item) => {

        return acc + item.population;

    }, 0)

    console.log(totalpopulation);
}
```

- Print the country which use US Dollars as currency.

```
// step 1. create a request variable
let request = new XMLHttpRequest();

// step 2. create a connection
request.open('GET', 'https://restcountries.eu/rest/v2/all', true);

// step 3. send the request
request.send();

// step 4. load the response
request.onload = function() {
```

```
var data = JSON.parse(this.response);  
  
var dollarCurrencyCountries = data.filter((element) =>  
  
    element.currencies[0].code === 'USD');  
  
console.log(dollarCurrencyCountries);  
}
```

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**THE END**