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

**JS code:**

*var* req = new *XMLHttpRequest*();

req.open('GET','https://restcountries.eu/rest/v2',true)

req.send();

req.onload = *function*() {

*let* data =JSON.parse(req.response);

    //console.log(data[104].region);

*let* res = data.filter((*Element*, *index*, *data*)*=>*{

        return *Element*.region==='Asia';

    });

    console.log(res);

};

**HTML code:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <script src='script.js'></script>

    <h1>API Demo</h1>

</body>

</html>

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

**Js code:**

*var* req = new *XMLHttpRequest*();

req.open('GET','https://restcountries.eu/rest/v2',true)

req.send();

req.onload = *function*() {

*let* data =JSON.parse(req.response);

    console.log(data[104].region);

*let* pop = data.filter((*Element*)*=>*{

        return *Element*.population <200000;

    });

    console.log(pop);

};

**HTML Code:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <script src='script.js'></script>

    <h1>API Demo</h1>

</body>

</html>

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

**JS code**

*var* req = new *XMLHttpRequest*();

req.open('GET','https://restcountries.eu/rest/v2',true)

req.send();

req.onload = *function*() {

*let* data =JSON.parse(req.response);

    data.forEach(*element* *=>* { console.log("country name: ",*element*.name);

    console.log("Capital: ", *element*.capital);

    console.log("flag: ", *element*.flag);

});

**HTML CODE:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <script src='script.js'></script>

    <h1>API Demo</h1>

</body>

</html>

1. **Print the total population of countries using reduce function**

**Js code:**

*var* req = new *XMLHttpRequest*();

req.open('GET','https://restcountries.eu/rest/v2',true)

req.send();

req.onload = *function*() {

*let* data =JSON.parse(req.response);

    console.log(data.reduce((*sum*, *Element*)*=>* {return *sum*+*Element*.population},0));

};

**HTML Code:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <script src='script.js'></script>

    <h1>API Demo</h1>

</body>

</html>

1. **Print the country which use US Dollars as currency.**

**JS code:**

*var* req = new *XMLHttpRequest*();

req.open('GET','https://restcountries.eu/rest/v2',true)

req.send();

req.onload = *function*() {

*let* data =JSON.parse(req.response);

*let* res = data.forEach((*element*) *=>* {

*let* i=0;

        for(i=0;i<*element*.currencies.length;i++)

        {

        if(*element*.currencies[i].code === 'USD'){

        console.log(*element*.name)}

        }

    });

};

**HTML Code:**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <meta name="viewport" content="width=device-width, initial-scale=1.0">

    <title>Document</title>

</head>

<body>

    <script src='script.js'></script>

    <h1>API Demo</h1>

</body>

</html>