Task4

Que.1 : Get all the countries from Asia continent/"region " using filter function?
Ans : index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>sample api data</title>
</head>
<body>
    <script src ="script.js">?</script>
</body>
</html>
```

script. Js

```
var request = new XMLHttpRequest();

request.open('GET', 'https://restcountries.eu/rest/v2/all',true);

request.send();

request.onload = function(){

    var data = JSON.parse(this.response);
    var getDataFromAsia = data.filter((item)=>{

    return item.region==='Asia';
    });
    console.log(getDataFromAsia);
}
```

Que.2 : Get all the countries with population of less than 2 lacs using filter function?
Ans : index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
```

```html
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>sample api data</title>
</head>
<body>
    <script src ="script.js">?</script>
</body>
</html>
```

Script.js

```javascript
var request = new XMLHttpRequest();

request.open('GET', 'https://restcountries.eu/rest/v2/all',true);

request.send();

request.onload = function(){

    var data = JSON.parse(this.response);
    var getCountries = data.filter((item)=>{

    return item.population<200000;
    });
    console.log(getCountries);
}
```

Que.3 : print following details name,capital,flag using forEach function?

Ans : index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>sample api data</title>
</head>
<body>
    <script src ="script.js">?</script>
</body>
</html>
```

Script.js

```javascript
var request = new XMLHttpRequest();

request.open('GET', 'https://restcountries.eu/rest/v2/all',true);
```

```javascript
request.send();

request.onload = function(){

    var data = JSON.parse(this.response);
    let newdata = data.forEach((element) => {
        console.log(element.name);
        console.log(element.capital);
        console.log(element.flag);
    });
    }
```

Que.4 : print the total population of countries using reduce function?
Ans : index.html

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>sample api data</title>
</head>
<body>
    <script src ="script.js">?</script>
</body>
</html>
```

Script.js

```javascript
var request = new XMLHttpRequest();

request.open('GET', 'https://restcountries.eu/rest/v2/all',true);

request.send();

request.onload = function(){

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

    let totalPopulation = data.reduce((acc,item) => {
        return acc+item.population;

    },0);
    console.log(totalPopulation);
```

```
      }
```

Que.5 : print the country which uses US Dollars as currency?
Ans : index.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>sample api data</title>
</head>
<body>
  <script src ="script.js">?</script>
</body>
</html>
```

Script.js

```
var request = new XMLHttpRequest();

request.open('GET', 'https://restcountries.eu/rest/v2/all',true);

request.send();

request.onload = function(){

    var data = JSON.parse(this.response);
    var currencyData = data.filter((item)=>{
        return item.currencies[0].code==="USD";
    });
    console.log(currencyData);
    }
```