

Task 4:

Question1: Get all the countries from Asia continent / "region" using Filter function.

index.html

```
<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>
</body>
</html>
```

Script.js

```
var request=new XMLHttpRequest();
request.open('GET', 'https://restcountries.eu/rest/v2/all', true)
request.send();
request.onload = function(){
  var countrydata = JSON.parse(this.response);

  const countries=countrydata.filter((x)=>{
    if(x.region=='Asia')
      return x.name;
  })

  console.log(countries);
}
```

Question2: Get all the countries with population of less than 2 lacs using Filter function.

index.html

```
<!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>
</body>
</html>
```

script.js

```
var request=new XMLHttpRequest();
request.open('GET', 'https://restcountries.eu/rest/v2/all', true)
request.send();
request.onload = function(){
    var countrydata = JSON.parse(this.response);

    const countries=countrydata.filter((x)=>{
        if(x.population<200000)
            return x.name;
    })

    console.log(countries);
}
```

Question3: Print the following details name, capital, flag using forEach function.

index.html

```
<!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>
</body>
</html>
```

script.js

```
var request=new XMLHttpRequest();
request.open('GET', 'https://restcountries.eu/rest/v2/all', true)
request.send();
request.onload = function(){
    var countrydata = JSON.parse(this.response);

    var countries=[];

    countrydata.forEach((x)=>{
```

```

        countries.push('name-'+x.name+' '+'capital-'+x.capital+' '+'flag-
'+x.flag);
    })

    console.log(countries);
}

```

Question4: Print the total population of countries using reduce function.

Index.html

```

<!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>
</body>
</html>

```

Script.js

```

var request=new XMLHttpRequest();
request.open('GET', 'https://restcountries.eu/rest/v2/all', true)
request.send();
request.onload = function(){
    var countrydata = JSON.parse(this.response);
    var sum=countrydata.reduce((acc,currentval)=>{
        return acc+ +currentval.population;

    },0)
    console.log(sum);
}

```

Question5: Print the country which uses US Dollars as currency.

```

<!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>
</body>
</html>
```

Script.js

```
var request=new XMLHttpRequest();
request.open('GET', 'https://restcountries.eu/rest/v2/all', true)
request.send();
request.onload = function(){
    var countrydata = JSON.parse(this.response);

    var countries=[];

    countrydata.forEach((x)=>{

        if(x.currencies[0].name=='United States dollar')
            countries.push(x.name);
    })

    console.log(countries);
}
```
