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

```
function getCountriesFromAsia() {
    return fetch('https://restcountries.com/v3.1/all')
      .then(response => response.json())
      .then(data => {
        const countriesInAsia = data.filter(country => country.region === 'Asia');
        return countriesInAsia;
      });
  }


  getCountriesFromAsia()
    .then(countries => {
      console.log('Countries in Asia:', countries);
    })
    .catch(error => {
      console.error('Error:', error);
    });
```

```
function getCountriesFromAsia() {
   return fetch('https://restcountries.com/v3.1/all')
     .then(response => response.json())
     .then(data => {
       const countriesInAsia = data.filter(country => country.region === 'Asia');
       return countriesInAsia;
     });
  }


  getCountriesFromAsia()
    .then(countries => {
      console.log('Countries in Asia:', countries);
    })
    .catch(error => {
      console.error('Error:', error);
    });
```

b.Get all the countries with a population of less than 2 lakhs using Filter function

```
function getCountriesWithPopulationLessThan2Lakhs() {
    return fetch('https://restcountries.com/v3.1/all')
      .then(response => response.json())
      .then(data => {
        const countriesWithPopulationLessThan2Lakhs = data.filter(country =>
country.population < 200000);
        return countriesWithPopulationLessThan2Lakhs;
      });
  }
```

```
getCountriesWithPopulationLessThan2Lakhs()
  .then(countries => {
    console.log('Countries with population less than 2 lakhs:', countries);
  })
  .catch(error => {
    console.error('Error:', error);
  });
```

```
function getCountriesWithPopulationLessThan2Lakhs() {
  return fetch('https://restcountries.com/v3.1/all')
    .then(response => response.json())
    .then(data => {
      const countriesWithPopulationLessThan2Lakhs = data.filter(country =>
country.population < 200000);
      return countriesWithPopulationLessThan2Lakhs;
    });
}
```

```
getCountriesWithPopulationLessThan2Lakhs()
  .then(countries => {
    console.log('Countries with population less than 2 lakhs:', countries);
  })
  .catch(error => {
    console.error('Error:', error);
  });
```

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

```
function printCountryDetails() {
    return fetch('https://restcountries.com/v3.1/all')
      .then(response => response.json())
      .then(data => {
        data.forEach(country => {
          console.log('Name:', country.name.common);
          console.log('Capital:', country.capital);
          console.log('Flag:', country.flags.png);
          console.log('-------------------------');
        });
      });
}


printCountryDetails()
  .catch(error => {
    console.error('Error:', error);
  });
```

```
function printCountryDetails() {
  return fetch('https://restcountries.com/v3.1/all')
    .then(response => response.json())
    .then(data => {
      data.forEach(country => {
        console.log('Name:', country.name.common);
        console.log('Capital:', country.capital);
        console.log('Flag:', country.flags.png);
        console.log('------------------------');
      });
    });
}


printCountryDetails()
  .catch(error => {
    console.error('Error:', error);
  });
```

d.Print the total population of countries using reduce function

```
function printTotalPopulation() {
    return fetch('https://restcountries.com/v3.1/all')
      .then(response => response.json())
      .then(data => {
        const totalPopulation = data.reduce((accumulator, country) => accumulator +
country.population, 0);
        console.log('Total Population:', totalPopulation);
      });
  }

  // Usage example
  printTotalPopulation()
    .catch(error => {
      console.error('Error:', error);
    });
```

```
function printTotalPopulation() {
   return fetch('https://restcountries.com/v3.1/all')
     .then(response => response.json())
     .then(data => {
       const totalPopulation = data.reduce((accumulator, country) => accumulator +
country.population, 0);
       console.log('Total Population:', totalPopulation);
     });
  }

  // Usage example
  printTotalPopulation()
    .catch(error => {
```

```
  console.error('Error:', error);
});
```

e.Print the country which uses US Dollars as currency.

```
xhr.open(method, url);

    xhr.onload = function () {
      if (xhr.status === 200) {

        var countriesDetails = JSON.parse(xhr.responseText);
        console.log(countriesDetails);
        for (var i = 0; i < countriesDetails.length; i++) {


          if (countriesDetails[i].currencies != undefined) {
            Object.keys(countriesDetails[i].currencies).forEach((key) => {
              if (key === "USD") {
                console.log(countriesDetails[i].currencies);
              }
            });
          }
        }
      } else {

        console.log("Request failed", xhr.status);
      }
    };


    xhr.send();
```

```
xhr.open(method, url);

    xhr.onload = function () {
      if (xhr.status === 200) {

        var countriesDetails = JSON.parse(xhr.responseText);
        console.log(countriesDetails);
        for (var i = 0; i < countriesDetails.length; i++) {


          if (countriesDetails[i].currencies != undefined) {
            Object.keys(countriesDetails[i].currencies).forEach((key) => {
              if (key === "USD") {
                console.log(countriesDetails[i].currencies);
              }
            });
          }
        }
      } else {
```

```
        console.log("Request failed", xhr.status);
      }
    };


    xhr.send();
```