Solving problems using array functions on rest countries data (<https://restcountries.com/v3.1/all>).

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

fetch('https://restcountries.com/v3.1/all')

  .then(response => response.json())

  .then(data => {

const asiaCountries = data.filter(country => country.region === 'Asia');

console.log('Countries in Asia:', asiaCountries);

  })

  .catch(error => console.error('Error fetching data:', error));

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

fetch('https://restcountries.com/v3.1/all')

  .then(response => response.json())

  .then(data => {

const countriesWithPopulationLessThan2Lakhs = data.filter(country => {

   const population = country.population;

   return population && population < 200000;

});

console.log('Countries with population less than 2 lakhs:', countriesWithPopulationLessThan2Lakhs);

  })

  .catch(error => console.error('Error fetching data:', error));

**C.Print the following details name, capital, flag, using for Each function**

fetch('https://restcountries.com/v3.1/all')

  .then(response => response.json())

  .then(data => {

data.forEach(country => {

   const name = country.name.common;

   const capital = country.capital ? country.capital[0] : 'N/A';

   const flag = country.flags ? country.flags.png : 'N/A';

   console.log('Name:', name);

   console.log('Capital:', capital);

   console.log('Flag:', flag);

   console.log('-------------------------');

});

  })

  .catch(error => console.error('Error fetching data:', error));

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

fetch('https://restcountries.com/v3.1/all')

  .then(response => response.json())

  .then(data => {

const totalPopulation = data.reduce((accumulator, country) => {

   const population = country.population;

   return accumulator + (population ? population : 0);

}, 0);

console.log('Total Population of Countries:', totalPopulation);

  })

  .catch(error => console.error('Error fetching data:', error));

**E.Print the country that uses US dollars as currency.**

fetch('https://restcountries.com/v3.1/all')

  .then(response => response.json())

  .then(data => {

const countryWithUSD = data.find(country => {

   const currencies = country.currencies;

   return currencies && currencies.hasOwnProperty('USD');

});

if (countryWithUSD) {

   console.log('Country that uses US Dollars:', countryWithUSD.name.common);

} else {

   console.log('No country found that uses US Dollars as currency.');

}

  })

  .catch(error => console.error('Error fetching data:', error));