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

.then(response => response.json())

.then(data => {

// Problem 1: Get all the countries from Asia continent/region using Filter function

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

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

// Problem 2: Get all the countries with a population of less than 2 lakhs using Filter function

const lowPopulationCountries = data.filter(country => country.population < 200000);

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

// Problem 3: Print the name, capital, and flag of each country using forEach function

data.forEach(country => {

console.log('Name:', country.name.common);

console.log('Capital:', country.capital[0]);

console.log('Flag:', country.flags.svg);

});

// Problem 4: Calculate the total population of countries using reduce function

const totalPopulation = data.reduce((acc, country) => acc + country.population, 0);

console.log('Total population of all countries:', totalPopulation);

// Problem 5: Print the country which uses US Dollars as currency

const usDollarCountries = data.filter(country => country.currencies && country.currencies.USD);

console.log('Countries using US Dollars as currency:', usDollarCountries);

})

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