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

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

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

**Print the following details name, capital, flag using forEach function**

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

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

**// Fetching the countries data**

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

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

.then(countriesData => {

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

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

console.log('Asia countries:', asiaCountries);

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

const smallPopulationCountries = countriesData.filter(country => country.population < 200000);

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

**// Print the following details name, capital, flag using forEach function**

countriesData.forEach(country => {

console.log(`${country.name.common}, Capital: ${country.capital[0]}, Flag: ${country.flags[0]}`);

});

**// Print the total population of countries using reduce function**

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

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

**// Print the country which uses US Dollars as currency**

const usDollarCountry = countriesData.find(country => country.currencies.USD !== undefined);

console.log('Country using US Dollar:', usDollarCountry);

})

.catch(error => console.log(error));

In the above code, "lakhs" is a term used in South Asia to represent 100,000. So, a population of less than 2 lakhs means a population of less than 200,000.