1. Solving problems using array functions on rest countries data.

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

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

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

d. Print the total population of countries using reduce function

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

var request = require('request');

request('https://raw.githubusercontent.com/rvsp/restcountries-json-data/master/res-countries.json', function (error, response, body) {

if (!error && response.statusCode == 200) {

var jsonObj = JSON.parse(body);

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

let countryConts = jsonObj.filter(item => item.region == 'Asia')

countryConts.forEach(item => console.log(item.name))

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

let below2lacs = jsonObj.filter(item => item.population < 200000)

below2lacs.forEach(item => console.log(item.name))

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

jsonObj.forEach(item => console.log(item.name, item.capital, item.flag))

//d. Print the total population of countries using reduce function

let populationArr = []

for (let item of jsonObj) populationArr.push(item.population)

let totalPopulation = populationArr.reduce((a, b) => a + b, 0)

console.log(totalPopulation)

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

let allCurrencies = jsonObj.filter(item => item.currency == '$')

allCurrencies.forEach(item => item.name)

}

})