Guvi tasks 7

**Array methods**

1. Print the country which uses US Dollars as currency

var xhr = new XMLHttpRequest();

xhr.open("GET", "https://restcountries.com/v3.1/all");

xhr.send();

xhr.onload = function () {

if (xhr.status === 200) {

var countryDetails = JSON.parse(xhr.responseText);

var countriesUsingUSD = countryDetails.filter(function (country) {

return country.currencies && country.currencies.USD;

});

countriesUsingUSD.forEach(function (country) {

var countryName = country.name.common;

console.log("Country using US Dollar: " + countryName);

});

} else {

console.error("Failed to fetch data. Status code: " + xhr.status) } };

1. the countries from Asia continent /region using Filter function

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

<script>

var xhr =new XMLHttpRequest; xhr.open("GET", "https://restcountries.com/v3.1/all xhr.send();

xhr.onload=function(){

let countryDetails = JSON.parse(xhr.responseText);

console.log(countryDetails);

console.log(countryDetails.filter((country)=> country.flag));

console.log(countryDetails.filter((country)=> country.name));

console.log(countryDetails.filter((country)=> country.Asiaregion));function filterAsianCountries() {

const asianCountries = country.filter(country => country.continent === 'Asia');}

console.log(asianCountries);

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

var xhr = new XMLHttpRequest();

xhr.open("GET", "https://restcountries.com/v3.1/all");

xhr.send();

xhr.onload = function () {

if (xhr.status === 200) {

var countryDetails = JSON.parse(xhr.responseText);

var countriesWithLowPopulation = countryDetails.filter(function (country) {

return country.population < 500000; // Filter countries with population < 500,000

});

countriesWithLowPopulation.forEach(function (country) {

var countryName = country.name.common;

var countryPopulation = country.population;

console.log("Country with population < 500,000: " + countryName + ", Population: " + countryPopulation);

});

} else {

console.error("Failed to fetch data. Status code: " + xhr.status);

}

};

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

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Document</title>

</head>

<body>

<script>

var xhr =new XMLHttpRequest;

xhr.open("GET", "https://restcountries.com/v3.1/all ");

xhr.send();

xhr.onload=function(){

let countryDetails = JSON.parse(xhr.responseText);

console.log(countryDetails); countryDetails.forEach(function (country) {

// Perform an operation on each Asian country here.

var countryName = country.name.common;

var countryRegion = country.region;

var countryCapital = country.capital;

console.log("Country: " + countryName);

console.log("Region: " + countryRegion);

console.log("Capital: " + countryCapital);

});