**DAY-7 ROAD-MAP TASK**

# Q. **Solving problems using array functions on rest countries data (**[**https://restcountries.com/v3.1/all**](https://restcountries.com/v3.1/all)**).**

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

let XMLhttpRequest = require('xhr2');

let xhr = new XMLhttpRequest();

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

xhr.send();

xhr.onload = function() {

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

let asiaCountries = countries.filter(countries => {

return countries.region === "Asia"

})

for(let key of Object.keys(asiaCountries)) {

console.log(asiaCountries[key].name.common)

}

}

Output:

Turkmenistan

Timor-Leste

Azerbaijan

Vietnam

Afghanistan

Kuwait

Kyrgyzstan

Armenia

Tajikistan

Brunei

Pakistan

Bangladesh

China

Maldives

Malaysia

Lebanon

Mongolia

Nepal

Taiwan

Bhutan

Cambodia

Georgia

Israel

Singapore

United Arab Emirates

Uzbekistan

Saudi Arabia

Japan

Syria

Iran

South Korea

Philippines

Macau

North Korea

Iraq

Palestine

Turkey

Kazakhstan

Qatar

Jordan

Myanmar

Thailand

Bahrain

Laos

India

Yemen

Oman

Indonesia

Sri Lanka

Hong Kong

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

let XMLhttpRequest = require("xhr2");

let xhr = new XMLhttpRequest();

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

xhr.send();

xhr.onload = function() {

let countries = JSON.parse(xhr.responseText)

let population2Lakh = countries.filter((countries) => {

return countries.population < 200000

})

for(let key of Object.keys(population2Lakh)) {

console.log(population2Lakh[key].name.common)

}

}

Output:

Bermuda

Vatican City

Cook Islands

American Samoa

Saint Martin

Guam

Jersey

Grenada

Christmas Island

Niue

Svalbard and Jan Mayen

Saint Barthélemy

Greenland

Saint Pierre and Miquelon

Tokelau

British Virgin Islands

Cayman Islands

Saint Lucia

British Indian Ocean Territory

Norfolk Island

Montserrat

Tuvalu

Saint Kitts and Nevis

French Southern and Antarctic Lands

Isle of Man

Antigua and Barbuda

Dominica

Liechtenstein

Tonga

United States Virgin Islands

Marshall Islands

Seychelles

Saint Helena, Ascension and Tristan da Cunha

Andorra

Samoa

Bouvet Island

Anguilla

Åland Islands

Wallis and Futuna

Monaco

United States Minor Outlying Islands

Northern Mariana Islands

South Georgia

Micronesia

Turks and Caicos Islands

Faroe Islands

Antarctica

Kiribati

Gibraltar

Palau

Pitcairn Islands

Caribbean Netherlands

Aruba

Cocos (Keeling) Islands

Heard Island and McDonald Islands

San Marino

Sint Maarten

Falkland Islands

Curaçao

Guernsey

Nauru

Saint Vincent and the Grenadines

//-------------------------------------------------------------------------------------------------------------------------\\

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

let XMLhttpRequest = require("xhr2");

let xhr = new XMLhttpRequest();

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

xhr.send();

xhr.onload = function (){

let countries = JSON.parse(xhr.responseText)

countries.forEach(countries => {

console.log([`Countries: ${countries.name.common}`,

`Capital: ${countries.capital}`,

`Flag: ${countries.flag}`])

});

}

Output:

[ 'Countries: Cyprus', 'Capital: Nicosia', 'Flag: 🇨🇾' ]

[ 'Countries: Eritrea', 'Capital: Asmara', 'Flag: 🇪🇷' ]

[ 'Countries: Liberia', 'Capital: Monrovia', 'Flag: 🇱🇷' ]

[ 'Countries: Bermuda', 'Capital: Hamilton', 'Flag: 🇧🇲' ]

[ 'Countries: Vatican City', 'Capital: Vatican City', 'Flag: 🇻🇦' ]

[ 'Countries: Cook Islands', 'Capital: Avarua', 'Flag: 🇨🇰' ]

[ 'Countries: Somalia', 'Capital: Mogadishu', 'Flag: 🇸🇴' ]

[ 'Countries: Zambia', 'Capital: Lusaka', 'Flag: 🇿🇲' ]

[ 'Countries: Venezuela', 'Capital: Caracas', 'Flag: 🇻🇪' ]

[ 'Countries: Turkmenistan', 'Capital: Ashgabat', 'Flag: 🇹🇲' ]

[ 'Countries: Albania', 'Capital: Tirana', 'Flag: 🇦🇱' ]

[ 'Countries: Croatia', 'Capital: Zagreb', 'Flag: 🇭🇷' ]

[ 'Countries: United Kingdom', 'Capital: London', 'Flag: 🇬🇧' ]

[ 'Countries: Sudan', 'Capital: Khartoum', 'Flag: 🇸🇩' ]

[ 'Countries: Timor-Leste', 'Capital: Dili', 'Flag: 🇹🇱' ]

[

  'Countries: Republic of the Congo',

  'Capital: Brazzaville',

  'Flag: 🇨🇬'

]

[ 'Countries: Azerbaijan', 'Capital: Baku', 'Flag: 🇦🇿' ]

[ 'Countries: Kenya', 'Capital: Nairobi', 'Flag: 🇰🇪' ]

[ 'Countries: American Samoa', 'Capital: Pago Pago', 'Flag: 🇦🇸' ]

[ 'Countries: Ivory Coast', 'Capital: Yamoussoukro', 'Flag: 🇨🇮' ]

[ 'Countries: Senegal', 'Capital: Dakar', 'Flag: 🇸🇳' ]

[ 'Countries: Vietnam', 'Capital: Hanoi', 'Flag: 🇻🇳' ]

[ 'Countries: El Salvador', 'Capital: San Salvador', 'Flag: 🇸🇻' ]

[ 'Countries: Afghanistan', 'Capital: Kabul', 'Flag: 🇦🇫' ]

[ 'Countries: Saint Martin', 'Capital: Marigot', 'Flag: 🇲🇫' ]

[ 'Countries: Latvia', 'Capital: Riga', 'Flag: 🇱🇻' ]

[ 'Countries: Guatemala', 'Capital: Guatemala City', 'Flag: 🇬🇹' ]

[ 'Countries: Kuwait', 'Capital: Kuwait City', 'Flag: 🇰🇼' ]

[

  'Countries: São Tomé and Príncipe',

  'Capital: São Tomé',

  'Flag: 🇸🇹'

]

[ 'Countries: Kyrgyzstan', 'Capital: Bishkek', 'Flag: 🇰🇬' ]

[ 'Countries: Poland', 'Capital: Warsaw', 'Flag: 🇵🇱' ]

[ 'Countries: Guam', 'Capital: Hagåtña', 'Flag: 🇬🇺' ]

[ 'Countries: Ghana', 'Capital: Accra', 'Flag: 🇬🇭' ]

[ 'Countries: Lithuania', 'Capital: Vilnius', 'Flag: 🇱🇹' ]

[ 'Countries: Armenia', 'Capital: Yerevan', 'Flag: 🇦🇲' ]

[ 'Countries: Jersey', 'Capital: Saint Helier', 'Flag: 🇯🇪' ]

[ 'Countries: Grenada', "Capital: St. George's", 'Flag: 🇬🇩' ]

[ 'Countries: Tajikistan', 'Capital: Dushanbe', 'Flag: 🇹🇯' ]

[ 'Countries: Ethiopia', 'Capital: Addis Ababa', 'Flag: 🇪🇹' ]

[ 'Countries: Western Sahara', 'Capital: El Aaiún', 'Flag: 🇪🇭' ]

[ 'Countries: Morocco', 'Capital: Rabat', 'Flag: 🇲🇦' ]

[ 'Countries: Puerto Rico', 'Capital: San Juan', 'Flag: 🇵🇷' ]

[

  'Countries: Christmas Island',

  'Capital: Flying Fish Cove',

  'Flag: 🇨🇽'

]

[ 'Countries: New Zealand', 'Capital: Wellington', 'Flag: 🇳🇿' ]

[ 'Countries: Brunei', 'Capital: Bandar Seri Begawan', 'Flag: 🇧🇳' ]

[ 'Countries: French Guiana', 'Capital: Cayenne', 'Flag: 🇬🇫' ]

[ 'Countries: Niue', 'Capital: Alofi', 'Flag: 🇳🇺' ]

[ 'Countries: Romania', 'Capital: Bucharest', 'Flag: 🇷🇴' ]

[

  'Countries: Svalbard and Jan Mayen',

  'Capital: Longyearbyen',

  'Flag: 🇸🇯'

]

[ 'Countries: Belarus', 'Capital: Minsk', 'Flag: 🇧🇾' ]

[ 'Countries: Panama', 'Capital: Panama City', 'Flag: 🇵🇦' ]

[ 'Countries: Cameroon', 'Capital: Yaoundé', 'Flag: 🇨🇲' ]

[ 'Countries: Czechia', 'Capital: Prague', 'Flag: 🇨🇿' ]

[ 'Countries: Saint Barthélemy', 'Capital: Gustavia', 'Flag: 🇧🇱' ]

[ 'Countries: Greece', 'Capital: Athens', 'Flag: 🇬🇷' ]

[ 'Countries: Mali', 'Capital: Bamako', 'Flag: 🇲🇱' ]

[ 'Countries: Martinique', 'Capital: Fort-de-France', 'Flag: 🇲🇶' ]

[ 'Countries: France', 'Capital: Paris', 'Flag: 🇫🇷' ]

[ 'Countries: Pakistan', 'Capital: Islamabad', 'Flag: 🇵🇰' ]

[ 'Countries: Peru', 'Capital: Lima', 'Flag: 🇵🇪' ]

[ 'Countries: Barbados', 'Capital: Bridgetown', 'Flag: 🇧🇧' ]

[ 'Countries: Greenland', 'Capital: Nuuk', 'Flag: 🇬🇱' ]

[

  'Countries: Saint Pierre and Miquelon',

  'Capital: Saint-Pierre',

  'Flag: 🇵🇲'

]

[ 'Countries: Chad', "Capital: N'Djamena", 'Flag: 🇹🇩' ]

[ 'Countries: Hungary', 'Capital: Budapest', 'Flag: 🇭🇺' ]

[ 'Countries: Comoros', 'Capital: Moroni', 'Flag: 🇰🇲' ]

[ 'Countries: Bangladesh', 'Capital: Dhaka', 'Flag: 🇧🇩' ]

[ 'Countries: Tokelau', 'Capital: Fakaofo', 'Flag: 🇹🇰' ]

[ 'Countries: Fiji', 'Capital: Suva', 'Flag: 🇫🇯' ]

[ 'Countries: China', 'Capital: Beijing', 'Flag: 🇨🇳' ]

[ 'Countries: Colombia', 'Capital: Bogotá', 'Flag: 🇨🇴' ]

[

  'Countries: British Virgin Islands',

  'Capital: Road Town',

  'Flag: 🇻🇬'

]

[ 'Countries: Algeria', 'Capital: Algiers', 'Flag: 🇩🇿' ]

[ 'Countries: Maldives', 'Capital: Malé', 'Flag: 🇲🇻' ]

[ 'Countries: Malaysia', 'Capital: Kuala Lumpur', 'Flag: 🇲🇾' ]

[ 'Countries: Cayman Islands', 'Capital: George Town', 'Flag: 🇰🇾' ]

[ 'Countries: Spain', 'Capital: Madrid', 'Flag: 🇪🇸' ]

[ 'Countries: Ireland', 'Capital: Dublin', 'Flag: 🇮🇪' ]

[ 'Countries: Estonia', 'Capital: Tallinn', 'Flag: 🇪🇪' ]

[ 'Countries: Paraguay', 'Capital: Asunción', 'Flag: 🇵🇾' ]

[ 'Countries: Uruguay', 'Capital: Montevideo', 'Flag: 🇺🇾' ]

[

  'Countries: South Africa',

  'Capital: Pretoria,Bloemfontein,Cape Town',

  'Flag: 🇿🇦'

]

[ 'Countries: Saint Lucia', 'Capital: Castries', 'Flag: 🇱🇨' ]

[ 'Countries: Vanuatu', 'Capital: Port Vila', 'Flag: 🇻🇺' ]

[ 'Countries: Finland', 'Capital: Helsinki', 'Flag: 🇫🇮' ]

[ 'Countries: Sweden', 'Capital: Stockholm', 'Flag: 🇸🇪' ]

[

  'Countries: British Indian Ocean Territory',

  'Capital: Diego Garcia',

  'Flag: 🇮🇴'

]

[ 'Countries: Lebanon', 'Capital: Beirut', 'Flag: 🇱🇧' ]

[

  'Countries: United States',

  'Capital: Washington, D.C.',

  'Flag: 🇺🇸'

]

[ 'Countries: Chile', 'Capital: Santiago', 'Flag: 🇨🇱' ]

[ 'Countries: Norfolk Island', 'Capital: Kingston', 'Flag: 🇳🇫' ]

[ 'Countries: Montserrat', 'Capital: Plymouth', 'Flag: 🇲🇸' ]

[ 'Countries: Australia', 'Capital: Canberra', 'Flag: 🇦🇺' ]

[ 'Countries: Belize', 'Capital: Belmopan', 'Flag: 🇧🇿' ]

[ 'Countries: Guyana', 'Capital: Georgetown', 'Flag: 🇬🇾' ]

[ 'Countries: Mongolia', 'Capital: Ulan Bator', 'Flag: 🇲🇳' ]

[ 'Countries: Tuvalu', 'Capital: Funafuti', 'Flag: 🇹🇻' ]

[

  'Countries: Dominican Republic',

  'Capital: Santo Domingo',

  'Flag: 🇩🇴'

]

[ 'Countries: Equatorial Guinea', 'Capital: Malabo', 'Flag: 🇬🇶' ]

[

  'Countries: Saint Kitts and Nevis',

  'Capital: Basseterre',

  'Flag: 🇰🇳'

]

[ 'Countries: Bolivia', 'Capital: Sucre', 'Flag: 🇧🇴' ]

[ 'Countries: Nepal', 'Capital: Kathmandu', 'Flag: 🇳🇵' ]

[

  'Countries: French Southern and Antarctic Lands',

  'Capital: Port-aux-Français',

  'Flag: 🇹🇫'

]

[ 'Countries: Taiwan', 'Capital: Taipei', 'Flag: 🇹🇼' ]

[ 'Countries: Benin', 'Capital: Porto-Novo', 'Flag: 🇧🇯' ]

[ 'Countries: Bulgaria', 'Capital: Sofia', 'Flag: 🇧🇬' ]

[ 'Countries: Moldova', 'Capital: Chișinău', 'Flag: 🇲🇩' ]

[ 'Countries: Isle of Man', 'Capital: Douglas', 'Flag: 🇮🇲' ]

[ 'Countries: Bhutan', 'Capital: Thimphu', 'Flag: 🇧🇹' ]

[ 'Countries: Cambodia', 'Capital: Phnom Penh', 'Flag: 🇰🇭' ]

[

  'Countries: Antigua and Barbuda',

  "Capital: Saint John's",

  'Flag: 🇦🇬'

]

[ 'Countries: Haiti', 'Capital: Port-au-Prince', 'Flag: 🇭🇹' ]

[ 'Countries: Cape Verde', 'Capital: Praia', 'Flag: 🇨🇻' ]

[ 'Countries: Georgia', 'Capital: Tbilisi', 'Flag: 🇬🇪' ]

[ 'Countries: Burundi', 'Capital: Gitega', 'Flag: 🇧🇮' ]

[ 'Countries: Bahamas', 'Capital: Nassau', 'Flag: 🇧🇸' ]

[ 'Countries: Mauritius', 'Capital: Port Louis', 'Flag: 🇲🇺' ]

[ 'Countries: Libya', 'Capital: Tripoli', 'Flag: 🇱🇾' ]

[ 'Countries: Malawi', 'Capital: Lilongwe', 'Flag: 🇲🇼' ]

[ 'Countries: Mexico', 'Capital: Mexico City', 'Flag: 🇲🇽' ]

[ 'Countries: Eswatini', 'Capital: Mbabane', 'Flag: 🇸🇿' ]

[

  'Countries: Papua New Guinea',

  'Capital: Port Moresby',

  'Flag: 🇵🇬'

]

[ 'Countries: Dominica', 'Capital: Roseau', 'Flag: 🇩🇲' ]

[ 'Countries: Liechtenstein', 'Capital: Vaduz', 'Flag: 🇱🇮' ]

[ 'Countries: Russia', 'Capital: Moscow', 'Flag: 🇷🇺' ]

[ 'Countries: Israel', 'Capital: Jerusalem', 'Flag: 🇮🇱' ]

[ 'Countries: Singapore', 'Capital: Singapore', 'Flag: 🇸🇬' ]

[ 'Countries: Uganda', 'Capital: Kampala', 'Flag: 🇺🇬' ]

[ 'Countries: Slovakia', 'Capital: Bratislava', 'Flag: 🇸🇰' ]

[ 'Countries: Tonga', "Capital: Nuku'alofa", 'Flag: 🇹🇴' ]

[

  'Countries: United Arab Emirates',

  'Capital: Abu Dhabi',

  'Flag: 🇦🇪'

]

[ 'Countries: Mayotte', 'Capital: Mamoudzou', 'Flag: 🇾🇹' ]

[ 'Countries: Suriname', 'Capital: Paramaribo', 'Flag: 🇸🇷' ]

[ 'Countries: Uzbekistan', 'Capital: Tashkent', 'Flag: 🇺🇿' ]

[ 'Countries: Saudi Arabia', 'Capital: Riyadh', 'Flag: 🇸🇦' ]

[ 'Countries: Egypt', 'Capital: Cairo', 'Flag: 🇪🇬' ]

[ 'Countries: Italy', 'Capital: Rome', 'Flag: 🇮🇹' ]

[ 'Countries: Madagascar', 'Capital: Antananarivo', 'Flag: 🇲🇬' ]

[ 'Countries: New Caledonia', 'Capital: Nouméa', 'Flag: 🇳🇨' ]

[ 'Countries: Canada', 'Capital: Ottawa', 'Flag: 🇨🇦' ]

[

  'Countries: United States Virgin Islands',

  'Capital: Charlotte Amalie',

  'Flag: 🇻🇮'

]

[ 'Countries: Marshall Islands', 'Capital: Majuro', 'Flag: 🇲🇭' ]

[ 'Countries: Mauritania', 'Capital: Nouakchott', 'Flag: 🇲🇷' ]

[ 'Countries: Gambia', 'Capital: Banjul', 'Flag: 🇬🇲' ]

[

  'Countries: Trinidad and Tobago',

  'Capital: Port of Spain',

  'Flag: 🇹🇹'

]

[ 'Countries: Seychelles', 'Capital: Victoria', 'Flag: 🇸🇨' ]

[ 'Countries: Japan', 'Capital: Tokyo', 'Flag: 🇯🇵' ]

[ 'Countries: Brazil', 'Capital: Brasília', 'Flag: 🇧🇷' ]

[ 'Countries: Syria', 'Capital: Damascus', 'Flag: 🇸🇾' ]

[

  'Countries: Saint Helena, Ascension and Tristan da Cunha',

  'Capital: Jamestown',

  'Flag: 🇸🇭'

]

[ 'Countries: Tanzania', 'Capital: Dodoma', 'Flag: 🇹🇿' ]

[ 'Countries: Andorra', 'Capital: Andorra la Vella', 'Flag: 🇦🇩' ]

[ 'Countries: Iran', 'Capital: Tehran', 'Flag: 🇮🇷' ]

[ 'Countries: Togo', 'Capital: Lomé', 'Flag: 🇹🇬' ]

[ 'Countries: Malta', 'Capital: Valletta', 'Flag: 🇲🇹' ]

[ 'Countries: South Korea', 'Capital: Seoul', 'Flag: 🇰🇷' ]

[ 'Countries: Samoa', 'Capital: Apia', 'Flag: 🇼🇸' ]

[ 'Countries: Germany', 'Capital: Berlin', 'Flag: 🇩🇪' ]

[ 'Countries: Niger', 'Capital: Niamey', 'Flag: 🇳🇪' ]

[ 'Countries: Bouvet Island', 'Capital: undefined', 'Flag: 🇧🇻' ]

[ 'Countries: Jamaica', 'Capital: Kingston', 'Flag: 🇯🇲' ]

[ 'Countries: Nicaragua', 'Capital: Managua', 'Flag: 🇳🇮' ]

[ 'Countries: Guinea', 'Capital: Conakry', 'Flag: 🇬🇳' ]

[ 'Countries: Anguilla', 'Capital: The Valley', 'Flag: 🇦🇮' ]

[ 'Countries: Åland Islands', 'Capital: Mariehamn', 'Flag: 🇦🇽' ]

[ 'Countries: Belgium', 'Capital: Brussels', 'Flag: 🇧🇪' ]

[ 'Countries: Portugal', 'Capital: Lisbon', 'Flag: 🇵🇹' ]

[ 'Countries: Denmark', 'Capital: Copenhagen', 'Flag: 🇩🇰' ]

[ 'Countries: Philippines', 'Capital: Manila', 'Flag: 🇵🇭' ]

[ 'Countries: Wallis and Futuna', 'Capital: Mata-Utu', 'Flag: 🇼🇫' ]

[ 'Countries: Austria', 'Capital: Vienna', 'Flag: 🇦🇹' ]

[ 'Countries: Guinea-Bissau', 'Capital: Bissau', 'Flag: 🇬🇼' ]

[ 'Countries: Monaco', 'Capital: Monaco', 'Flag: 🇲🇨' ]

[ 'Countries: Namibia', 'Capital: Windhoek', 'Flag: 🇳🇦' ]

[

  'Countries: United States Minor Outlying Islands',

  'Capital: Washington DC',

  'Flag: 🇺🇲'

]

[ 'Countries: Costa Rica', 'Capital: San José', 'Flag: 🇨🇷' ]

[

  'Countries: Bosnia and Herzegovina',

  'Capital: Sarajevo',

  'Flag: 🇧🇦'

]

[ 'Countries: Macau', 'Capital: undefined', 'Flag: 🇲🇴' ]

[ 'Countries: Mozambique', 'Capital: Maputo', 'Flag: 🇲🇿' ]

[ 'Countries: Réunion', 'Capital: Saint-Denis', 'Flag: 🇷🇪' ]

[ 'Countries: Montenegro', 'Capital: Podgorica', 'Flag: 🇲🇪' ]

[ 'Countries: North Korea', 'Capital: Pyongyang', 'Flag: 🇰🇵' ]

[

  'Countries: Northern Mariana Islands',

  'Capital: Saipan',

  'Flag: 🇲🇵'

]

[ 'Countries: Ukraine', 'Capital: Kyiv', 'Flag: 🇺🇦' ]

[ 'Countries: Iraq', 'Capital: Baghdad', 'Flag: 🇮🇶' ]

[

  'Countries: South Georgia',

  'Capital: King Edward Point',

  'Flag: 🇬🇸'

]

[ 'Countries: Angola', 'Capital: Luanda', 'Flag: 🇦🇴' ]

[ 'Countries: Sierra Leone', 'Capital: Freetown', 'Flag: 🇸🇱' ]

[ 'Countries: Micronesia', 'Capital: Palikir', 'Flag: 🇫🇲' ]

[ 'Countries: Cuba', 'Capital: Havana', 'Flag: 🇨🇺' ]

[

  'Countries: Turks and Caicos Islands',

  'Capital: Cockburn Town',

  'Flag: 🇹🇨'

]

[ 'Countries: Serbia', 'Capital: Belgrade', 'Flag: 🇷🇸' ]

[ 'Countries: Ecuador', 'Capital: Quito', 'Flag: 🇪🇨' ]

[ 'Countries: Faroe Islands', 'Capital: Tórshavn', 'Flag: 🇫🇴' ]

[ 'Countries: Antarctica', 'Capital: undefined', 'Flag: 🇦🇶' ]

[ 'Countries: Palestine', 'Capital: Ramallah,Jerusalem', 'Flag: 🇵🇸' ]

[ 'Countries: Turkey', 'Capital: Ankara', 'Flag: 🇹🇷' ]

[ 'Countries: Kiribati', 'Capital: South Tarawa', 'Flag: 🇰🇮' ]

[ 'Countries: Kazakhstan', 'Capital: Nur-Sultan', 'Flag: 🇰🇿' ]

[ 'Countries: Gibraltar', 'Capital: Gibraltar', 'Flag: 🇬🇮' ]

[ 'Countries: Iceland', 'Capital: Reykjavik', 'Flag: 🇮🇸' ]

[ 'Countries: Palau', 'Capital: Ngerulmud', 'Flag: 🇵🇼' ]

[ 'Countries: Qatar', 'Capital: Doha', 'Flag: 🇶🇦' ]

[ 'Countries: Switzerland', 'Capital: Bern', 'Flag: 🇨🇭' ]

[ 'Countries: French Polynesia', 'Capital: Papeetē', 'Flag: 🇵🇫' ]

[ 'Countries: Pitcairn Islands', 'Capital: Adamstown', 'Flag: 🇵🇳' ]

[ 'Countries: Jordan', 'Capital: Amman', 'Flag: 🇯🇴' ]

[ 'Countries: Myanmar', 'Capital: Naypyidaw', 'Flag: 🇲🇲' ]

[ 'Countries: Thailand', 'Capital: Bangkok', 'Flag: 🇹🇭' ]

[

  'Countries: Caribbean Netherlands',

  'Capital: Kralendijk',

  'Flag: 🇧🇶'

]

[ 'Countries: Aruba', 'Capital: Oranjestad', 'Flag: 🇦🇼' ]

[ 'Countries: Guadeloupe', 'Capital: Basse-Terre', 'Flag: 🇬🇵' ]

[ 'Countries: Nigeria', 'Capital: Abuja', 'Flag: 🇳🇬' ]

[ 'Countries: Bahrain', 'Capital: Manama', 'Flag: 🇧🇭' ]

[ 'Countries: Laos', 'Capital: Vientiane', 'Flag: 🇱🇦' ]

[

  'Countries: Cocos (Keeling) Islands',

  'Capital: West Island',

  'Flag: 🇨🇨'

]

[ 'Countries: Djibouti', 'Capital: Djibouti', 'Flag: 🇩🇯' ]

[ 'Countries: Solomon Islands', 'Capital: Honiara', 'Flag: 🇸🇧' ]

[

  'Countries: Heard Island and McDonald Islands',

  'Capital: undefined',

  'Flag: 🇭🇲'

]

[ 'Countries: India', 'Capital: New Delhi', 'Flag: 🇮🇳' ]

[

  'Countries: San Marino',

  'Capital: City of San Marino',

  'Flag: 🇸🇲'

]

[ 'Countries: Luxembourg', 'Capital: Luxembourg', 'Flag: 🇱🇺' ]

[ 'Countries: Sint Maarten', 'Capital: Philipsburg', 'Flag: 🇸🇽' ]

[ 'Countries: Falkland Islands', 'Capital: Stanley', 'Flag: 🇫🇰' ]

[

  'Countries: Central African Republic',

  'Capital: Bangui',

  'Flag: 🇨🇫'

]

[ 'Countries: Botswana', 'Capital: Gaborone', 'Flag: 🇧🇼' ]

[ 'Countries: Curaçao', 'Capital: Willemstad', 'Flag: 🇨🇼' ]

[ 'Countries: Guernsey', 'Capital: St. Peter Port', 'Flag: 🇬🇬' ]

[ 'Countries: Norway', 'Capital: Oslo', 'Flag: 🇳🇴' ]

[ 'Countries: Gabon', 'Capital: Libreville', 'Flag: 🇬🇦' ]

[ 'Countries: Zimbabwe', 'Capital: Harare', 'Flag: 🇿🇼' ]

[ 'Countries: Lesotho', 'Capital: Maseru', 'Flag: 🇱🇸' ]

[ 'Countries: Slovenia', 'Capital: Ljubljana', 'Flag: 🇸🇮' ]

[ 'Countries: Argentina', 'Capital: Buenos Aires', 'Flag: 🇦🇷' ]

[ 'Countries: Burkina Faso', 'Capital: Ouagadougou', 'Flag: 🇧🇫' ]

[ 'Countries: Yemen', "Capital: Sana'a", 'Flag: 🇾🇪' ]

[ 'Countries: DR Congo', 'Capital: Kinshasa', 'Flag: 🇨🇩' ]

[ 'Countries: Oman', 'Capital: Muscat', 'Flag: 🇴🇲' ]

[ 'Countries: Indonesia', 'Capital: Jakarta', 'Flag: 🇮🇩' ]

[ 'Countries: Nauru', 'Capital: Yaren', 'Flag: 🇳🇷' ]

[ 'Countries: Rwanda', 'Capital: Kigali', 'Flag: 🇷🇼' ]

[ 'Countries: North Macedonia', 'Capital: Skopje', 'Flag: 🇲🇰' ]

[ 'Countries: Kosovo', 'Capital: Pristina', 'Flag: 🇽🇰' ]

[ 'Countries: Netherlands', 'Capital: Amsterdam', 'Flag: 🇳🇱' ]

[ 'Countries: Tunisia', 'Capital: Tunis', 'Flag: 🇹🇳' ]

[ 'Countries: South Sudan', 'Capital: Juba', 'Flag: 🇸🇸' ]

[ 'Countries: Honduras', 'Capital: Tegucigalpa', 'Flag: 🇭🇳' ]

[

  'Countries: Saint Vincent and the Grenadines',

  'Capital: Kingstown',

  'Flag: 🇻🇨'

]

[

  'Countries: Sri Lanka',

  'Capital: Sri Jayawardenepura Kotte',

  'Flag: 🇱🇰'

]

[ 'Countries: Hong Kong', 'Capital: City of Victoria', 'Flag: 🇭🇰' ]

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

let XMLhttpRequest = require("xhr2");

let xhr = new XMLhttpRequest();

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

xhr.send();

xhr.onload = function(){

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

let populationArray = countries.map(countries => countries.population)

let total = populationArray.reduce((prevtotal, currpopulation) => prevtotal + currpopulation)

console.log(`Total Population = ${total}`)

};

Output:

Total Population = 7777721563

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

let XMLhttpRequest = require("xhr2");

let xhr = new XMLhttpRequest();

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

xhr.send();

xhr.onload = function() {

let countries = JSON.parse(xhr.responseText)

let usdCountries = countries.filter(countries => {

return countries.currencies && countries.currencies.USD

})

for(let key of Object.keys(usdCountries)) {

console.log(usdCountries[key].name.common)

}

}

Output:

Timor-Leste

American Samoa

El Salvador

Guam

Puerto Rico

Panama

British Virgin Islands

British Indian Ocean Territory

United States

Cambodia

Bahamas

United States Virgin Islands

Marshall Islands

United States Minor Outlying Islands

Northern Mariana Islands

Micronesia

Turks and Caicos Islands

Ecuador

Palau

Caribbean Netherlands

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