

CODEx

Country Overview

OUR TEAM

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INTRODUCTION

- Country Overview is a learning platform that offers users insights into the world's 195 countries.
- It provides an overview of every nation worldwide.
- The details include:
 1. Name of the country
 2. Name of the capital
 3. Name of the continent
 4. Area of the country
 5. Population of the country
 6. GDP of the country

WORKING

Welcome to Country Overview!!

Choose a continent from the list:

1. Africa
2. Asia
3. Europe
4. North America
5. South America
6. Australia
7. Antarctica

Enter the number of continent you want to know more about:

Enter the number of continent you want to know more about: 2
Countries in Asia:

- Japan
- Philippines
- Armenia
- Vietnam
- Laos
- Cambodia
- Azerbaijan
- Syria
- Afghanistan
- South Korea
- Bahrain
- Thailand
- Palestine
- Taiwan
- Maldives
- Oman
- India
- Malaysia
- Sri Lanka
- Kuwait
- Timor Leste
- China
- Brunei
- Israel
- Bangladesh
- United Arab Emirates
- North Korea
- Turkmenistan
- Iran
- Iraq
- Indonesia
- Saudi Arabia
- Lebanon
- Mongolia
- Tajikistan
- Singapore
- Bhutan
- Kyrgyzstan
- Pakistan
- Georgia
- Yemen
- Jordan
- Uzbekistan
- Nepal
- Kazakhstan
- Myanmar
- Qatar

Total number of countries in Asia: 47

Enter country name, 'change' to select a new continent, or 'exit' to quit: █

Enter country name, 'change' to select a new continent, or 'exit' to quit: jordan

Details for Jordan:

Capital: Amman

Continent: Asia

Area: 89342.0 sq km

Population: 10.27 million

GDP: 47.36 billion USD

Enter country name, 'change' to select a new continent, or 'exit' to quit: JAPAN

Details for Japan:

Capital: Tokyo

Continent: Asia

Area: 377975.0 sq km

Population: 125.7 million

GDP: 4381.73 billion USD


```
Enter country name, 'change' to select a new continent, or 'exit' to quit: change
Returning to continent selection...
Choose a continent from the list:
1. Africa
2. Asia
3. Europe
4. North America
5. South America
6. Australia
7. Antarctica
Enter the number of continent you want to know more about: 6
Countries in Australia:
- Australia
- Solomon Islands
- Palau
- Vanuatu
- Kiribati
- Nauru
- Micronesia
- Marshall Islands
- Fiji
- Samoa
- New Zealand
- Papua New Guinea
- Tuvalu
- Tonga
Total number of countries in Australia: 14

Enter country name, 'change' to select a new continent, or 'exit' to quit: Australia
```

```
Enter country name, 'change' to select a new continent, or 'exit' to quit: Australia
```

```
Details for Australia:
```

```
Capital: Canberra
```

```
Continent: Australia
```

```
Area: 7692024.0 sq km
```

```
Population: 25.69 million
```

```
GDP: 1450.0 billion USD
```

```
Enter country name, 'change' to select a new continent, or 'exit' to quit: exit
```

```
Exiting the program...
```

```
[Program finished]
```

CODE

```
import java.util.HashMap;
import java.util.Map;
import java.util.Scanner;

public class CountryInformation {
    private static Map<String, CountryIn> countries = new HashMap<>();
    private static String[] continents = {"Africa", "Asia", "Europe", "North America", "South America", "Australia", "Antarctica"};

    public static void addCountryIn(String name, String capital, String continent, double area, double population, double gdp) {
        countries.put(name.toLowerCase(), new CountryIn(name, capital, continent, area, population, gdp));
    }

    static {
        // Adding some countries to the map with area (in sq km), population (in millions), and GDP (in billion USD)
        addCountryIn("Afghanistan", "Kabul", "Asia", 652230, 38.93, 20.68);
        addCountryIn("Albania", "Tirana", "Europe", 28748, 2.87, 15.28);
        addCountryIn("Algeria", "Algiers", "Africa", 2381741, 44.18, 167.56);
        addCountryIn("Andorra", "Andorra la Vella", "Europe", 468, 0.077, 3.15);
        addCountryIn("Angola", "Luanda", "Africa", 1246700, 32.87, 66.49);
        addCountryIn("Antigua and Barbuda", "Saint John's", "North America", 442, 0.097, 1.77);
        addCountryIn("Argentina", "Buenos Aires", "South America", 2780400, 45.38, 449.66);
        addCountryIn("Armenia", "Yerevan", "Asia", 29743, 2.96, 13.67);
        addCountryIn("Australia", "Canberra", "Australia", 7692024, 25.69, 1450.00);
        addCountryIn("Austria", "Vienna", "Europe", 83879, 8.9, 480.00);
        addCountryIn("Azerbaijan", "Baku", "Asia", 86600, 10.12, 54.63);
        addCountryIn("Bahamas", "Nassau", "North America", 13943, 0.393, 11.2);
        addCountryIn("Bahrain", "Manama", "Asia", 760, 1.64, 41.74);
        addCountryIn("Bangladesh", "Dhaka", "Asia", 147570, 164.69, 324.24);
        addCountryIn("Barbados", "Bridgetown", "North America", 430, 0.287, 5.21);
        addCountryIn("Belarus", "Minsk", "Europe", 207600, 9.4, 63.08);
        addCountryIn("Belgium", "Brussels", "Europe", 30528, 11.56, 543.63);
        addCountryIn("Belize", "Belmopan", "North America", 22966, 0.43, 2.01);
        addCountryIn("Benin", "Porto-Novo", "Africa", 114763, 12.12, 14.39);
        addCountryIn("Bhutan", "Thimphu", "Asia", 38394, 0.754, 2.53);
```

```
        addCountryIn("Bolivia", "Sucre", "South America", 1098581, 11.67, 40.29);
        addCountryIn("Bosnia and Herzegovina", "Sarajevo", "Europe", 51197, 3.28, 21.47);
        addCountryIn("Botswana", "Gaborone", "Africa", 581730, 2.35, 17.61);
        addCountryIn("Brazil", "Brasilia", "South America", 8515767, 212.56, 1493.00);
        addCountryIn("Brunei", "Bandar Seri Begawan", "Asia", 5765, 0.441, 13.47);
        addCountryIn("Bulgaria", "Sofia", "Europe", 110879, 6.92, 77.9);
        addCountryIn("Burkina Faso", "Ouagadougou", "Africa", 272967, 21.51, 18.27);
        addCountryIn("Burundi", "Gitega", "Africa", 27834, 12.59, 3.17);
        addCountryIn("Cabo Verde", "Praia", "Africa", 4033, 0.555, 2.0);

        addCountryIn("Cambodia", "Phnom Penh", "Asia", 181035, 16.72, 26.7);
        addCountryIn("Cameroon", "Yaounde", "Africa", 475442, 27.2, 45.99);
        addCountryIn("Canada", "Ottawa", "North America", 9984670, 38.01, 2012.99);
        addCountryIn("Central African Republic", "Bangui", "Africa", 622984, 4.83, 2.38);
        addCountryIn("Chad", "N'Djamena", "Africa", 1284000, 17.18, 10.27);
        addCountryIn("Chile", "Santiago", "South America", 756102, 19.12, 317.07);
        addCountryIn("China", "Beijing", "Asia", 9596961, 1444.0, 17734.06);
        addCountryIn("Colombia", "Bogota", "South America", 1141748, 50.88, 367.43);
        addCountryIn("Comoros", "Moroni", "Africa", 2235, 0.869, 1.31);
        addCountryIn("Congo (Congo-Brazzaville)", "Brazzaville", "Africa", 342000, 5.66, 11.81);
        addCountryIn("Congo, Democratic Republic of the", "Kinshasa", "Africa", 2344858, 89.56, 49.87);
        addCountryIn("Costa Rica", "San Jose", "North America", 51100, 5.09, 65.63);
        addCountryIn("Croatia", "Zagreb", "Europe", 56594, 4.05, 69.36);
        addCountryIn("Cuba", "Havana", "North America", 109884, 11.33, 100.02);
        addCountryIn("Cyprus", "Nicosia", "Europe", 9251, 1.21, 28.97);
        addCountryIn("Czech Republic", "Prague", "Europe", 78867, 10.69, 281.57);
        addCountryIn("Denmark", "Copenhagen", "Europe", 43094, 5.83, 398.32);
        addCountryIn("Djibouti", "Djibouti", "Africa", 23200, 1.03, 3.68);
        addCountryIn("Dominica", "Roseau", "North America", 751, 0.072, 0.60);
        addCountryIn("Dominican Republic", "Santo Domingo", "North America", 48671, 10.85, 94.24);
```


addCountryIn("Ecuador", "Quito", "South America", 283561, 17.64, 106.03);
addCountryIn("Egypt", "Cairo", "Africa", 1010408, 104.12, 404.14);
addCountryIn("El Salvador", "San Salvador", "North America", 21041, 6.52,
28.74);
addCountryIn("Equatorial Guinea", "Malabo", "Africa", 28051, 1.45, 12.27);
addCountryIn("Eritrea", "Asmara", "Africa", 117600, 3.6, 2.25);
addCountryIn("Estonia", "Tallinn", "Europe", 45227, 1.33, 41.49);
addCountryIn("Eswatini", "Mbabane", "Africa", 17364, 1.18, 4.97);
addCountryIn("Ethiopia", "Addis Ababa", "Africa", 1104300, 118.98, 111.26);
addCountryIn("Fiji", "Suva", "Australia", 18274, 0.896, 5.37);
addCountryIn("Finland", "Helsinki", "Europe", 338455, 5.53, 289.24);
addCountryIn("France", "Paris", "Europe", 551695, 67.08, 2935.00);
addCountryIn("Gabon", "Libreville", "Africa", 267668, 2.34, 17.34);
addCountryIn("Gambia", "Banjul", "Africa", 11295, 2.42, 2.12);
addCountryIn("Georgia", "Tbilisi", "Asia", 69700, 3.71, 19);
addCountryIn("Germany", "Berlin", "Europe", 357022, 83.13, 4211.64);
addCountryIn("Ghana", "Accra", "Africa", 238533, 31.07, 77.59);
addCountryIn("Greece", "Athens", "Europe", 131957, 10.42, 216.16);
addCountryIn("Grenada", "St. George's", "North America", 344, 0.113, 1.26);
addCountryIn("Guatemala", "Guatemala City", "North America", 108889, 18.25,
85.99);
addCountryIn("Guinea", "Conakry", "Africa", 245857, 13.13, 15.67);
addCountryIn("Guinea-Bissau", "Bissau", "Africa", 36125, 2.02, 1.59);
addCountryIn("Guyana", "Georgetown", "South America", 214969, 0.79, 8.25);
addCountryIn("Haiti", "Port-au-Prince", "North America", 27750, 11.4, 14.22);
addCountryIn("Honduras", "Tegucigalpa", "North America", 112492, 10.07, 27.03);
addCountryIn("Hungary", "Budapest", "Europe", 93028, 9.63, 183.45);
addCountryIn("Iceland", "Reykjavik", "Europe", 103000, 0.343, 27.06);
addCountryIn("India", "New Delhi", "Asia", 3287263, 1393.4, 3288.64);
addCountryIn("Indonesia", "Jakarta", "Asia", 1904569, 276.36, 1161.03);
addCountryIn("Iran", "Tehran", "Asia", 1648195, 85.03, 675.65);
addCountryIn("Iraq", "Baghdad", "Asia", 438317, 40.22, 192.12);
addCountryIn("Ireland", "Dublin", "Europe", 70273, 5.01, 499.97);
addCountryIn("Israel", "Jerusalem", "Asia", 22072, 9.35, 467.81);
addCountryIn("Italy", "Rome", "Europe", 301340, 59.55, 2115.37);
addCountryIn("Jamaica", "Kingston", "North America", 10991, 2.96, 15.63);
addCountryIn("Japan", "Tokyo", "Asia", 377975, 125.7, 4381.73);
addCountryIn("Jordan", "Amman", "Asia", 89342, 10.27, 47.36);
addCountryIn("Kazakhstan", "Nur-Sultan", "Asia", 2724900, 19.09, 197.43);
addCountryIn("Kenya", "Nairobi", "Africa", 580367, 54.99, 110.35);
addCountryIn("Kiribati", "South Tarawa", "Australia", 811, 0.119, 0.197);
addCountryIn("Kuwait", "Kuwait City", "Asia", 17818, 4.27, 143.09);

addCountryIn("Kyrgyzstan", "Bishkek", "Asia", 199951, 6.63, 8.45);
addCountryIn("Laos", "Vientiane", "Asia", 236800, 7.38, 20.87);
addCountryIn("Latvia", "Riga", "Europe", 64589, 1.85, 38.62);
addCountryIn("Lebanon", "Beirut", "Asia", 10452, 5.39, 18.94);
addCountryIn("Lesotho", "Maseru", "Africa", 30355, 2.14, 2.61);
addCountryIn("Liberia", "Monrovia", "Africa", 111369, 5.18, 3.29);
addCountryIn("Libya", "Tripoli", "Africa", 1759540, 7.07, 40.09);
addCountryIn("Liechtenstein", "Vaduz", "Europe", 160, 0.038, 6.91);
addCountryIn("Lithuania", "Vilnius", "Europe", 65300, 2.79, 65.87);
addCountryIn("Luxembourg", "Luxembourg", "Europe", 2586, 0.634, 89.19);
addCountryIn("Madagascar", "Antananarivo", "Africa", 587041, 28.92, 13.75);
addCountryIn("Malawi", "Lilongwe", "Africa", 118484, 19.13, 12.63);
addCountryIn("Malaysia", "Kuala Lumpur", "Asia", 330803, 32.74, 372.77);
addCountryIn("Maldives", "Male", "Asia", 298, 0.521, 5.97);
addCountryIn("Mali", "Bamako", "Africa", 1240192, 20.25, 19.93);
addCountryIn("Malta", "Valletta", "Europe", 316, 0.514, 16.27);
addCountryIn("Marshall Islands", "Majuro", "Australia", 181, 0.059, 0.22);
addCountryIn("Mauritania", "Nouakchott", "Africa", 1030700, 4.5, 8.89);
addCountryIn("Mauritius", "Port Louis", "Africa", 2040, 1.27, 12.24);
addCountryIn("Mexico", "Mexico City", "North America", 1964375, 128.93,
1284.92);
addCountryIn("Micronesia", "Palikir", "Australia", 702, 0.115, 0.402);
addCountryIn("Moldova", "Chisinau", "Europe", 33843, 2.62, 13.75);
addCountryIn("Monaco", "Monaco", "Europe", 2, 0.039, 7.18);
addCountryIn("Mongolia", "Ulaanbaatar", "Asia", 1564116, 3.35, 16.93);
addCountryIn("Montenegro", "Podgorica", "Europe", 13812, 0.622, 5.66);
addCountryIn("Morocco", "Rabat", "Africa", 710850, 37.34, 142.87);
addCountryIn("Mozambique", "Maputo", "Africa", 801590, 31.26, 16.10);
addCountryIn("Myanmar", "Naypyidaw", "Asia", 676578, 54.41, 69.27);
addCountryIn("Namibia", "Windhoek", "Africa", 825615, 2.54, 12.56);
addCountryIn("Nauru", "Yaren District", "Australia", 21, 0.011, 0.133);
addCountryIn("Nepal", "Kathmandu", "Asia", 147516, 29.14, 36.29);
addCountryIn("Netherlands", "Amsterdam", "Europe", 41543, 17.53, 1025.71);
addCountryIn("New Zealand", "Wellington", "Australia", 268838, 5.12, 253.87);
addCountryIn("Nicaragua", "Managua", "North America", 130373, 6.85, 13.81);
addCountryIn("Niger", "Niamey", "Africa", 1267000, 25.13, 14.96);
addCountryIn("Nigeria", "Abuja", "Africa", 923768, 213.4, 441.50);
addCountryIn("North Korea", "Pyongyang", "Asia", 120540, 25.78, 18.0);
addCountryIn("North Macedonia", "Skopje", "Europe", 25713, 2.08, 14.06);
addCountryIn("Norway", "Oslo", "Europe", 323802, 5.42, 482.57);
addCountryIn("Oman", "Muscat", "Asia", 309500, 4.52, 84.17);
addCountryIn("Pakistan", "Islamabad", "Asia", 881912, 231.4, 376.49);
addCountryIn("Palau", "Ngerulmud", "Australia", 459, 0.018, 0.293);
addCountryIn("Palestine", "East Jerusalem", "Asia", 6220, 5.23, 14.6);
addCountryIn("Panama", "Panama City", "North America", 75417, 4.38, 70.52);


```

addCountryIn("Papua New Guinea", "Port Moresby", "Australia", 462840, 9.12,
24.43);
addCountryIn("Paraguay", "Asuncion", "South America", 406752, 7.13, 40.25);
addCountryIn("Peru", "Lima", "South America", 1285216, 33.72, 223.83);
addCountryIn("Philippines", "Manila", "Asia", 300000, 111.05, 433.21);
addCountryIn("Poland", "Warsaw", "Europe", 312696, 38.38, 737.47);
addCountryIn("Portugal", "Lisbon", "Europe", 92090, 10.31, 253.29);
addCountryIn("Qatar", "Doha", "Asia", 11586, 2.93, 179.93);
addCountryIn("Romania", "Bucharest", "Europe", 238397, 19.13, 309.85);
addCountryIn("Russia", "Moscow", "Europe/Asia", 17098242, 144.1, 1710.92);
addCountryIn("Rwanda", "Kigali", "Africa", 26338, 13.37, 11.26);
addCountryIn("Saint Kitts and Nevis", "Basseterre", "North America", 261,
0.053, 1.03);
addCountryIn("Saint Lucia", "Castries", "North America", 616, 0.184, 2.13);
addCountryIn("Saint Vincent and the Grenadines", "Kingstown", "North America",
389, 0.111, 0.86);
addCountryIn("Samoa", "Apia", "Australia", 2842, 0.202, 0.86);
addCountryIn("San Marino", "San Marino", "Europe", 61, 0.034, 2.04);
addCountryIn("Sao Tome and Principe", "Sao Tome", "Africa", 964, 0.223, 0.49);
addCountryIn("Saudi Arabia", "Riyadh", "Asia", 2149690, 35.95, 833.54);
addCountryIn("Senegal", "Dakar", "Africa", 196722, 17.2, 27.11);
addCountryIn("Serbia", "Belgrade", "Europe", 77474, 6.74, 65.32);
addCountryIn("Seychelles", "Victoria", "Africa", 459, 0.098, 1.57);
addCountryIn("Sierra Leone", "Freetown", "Africa", 71740, 8.36, 4.1);
addCountryIn("Singapore", "Singapore", "Asia", 710, 5.45, 396.99);
addCountryIn("Slovakia", "Bratislava", "Europe", 49035, 5.43, 127.06);
addCountryIn("Slovenia", "Ljubljana", "Europe", 20273, 2.08, 69.64);
addCountryIn("Solomon Islands", "Honiara", "Australia", 28896, 0.707, 1.55);
addCountryIn("Somalia", "Mogadishu", "Africa", 637657, 16.36, 5.23);
addCountryIn("South Africa", "Pretoria", "Africa", 1221037, 60.14, 419.95);
addCountryIn("South Korea", "Seoul", "Asia", 100210, 51.74, 1804.71);
addCountryIn("South Sudan", "Juba", "Africa", 619745, 11.38, 3.82);
addCountryIn("Spain", "Madrid", "Europe", 505992, 47.35, 1716.44);
addCountryIn("Sri Lanka", "Sri Jayawardenepura Kotte", "Asia", 65610, 21.68,
82.7);
addCountryIn("Sudan", "Khartoum", "Africa", 1886068, 44.91, 31.47);
addCountryIn("Suriname", "Paramaribo", "South America", 163820, 0.598, 3.43);
addCountryIn("Sweden", "Stockholm", "Europe", 450295, 10.42, 625.92);
addCountryIn("Switzerland", "Bern", "Europe", 41284, 8.73, 878.94);

```

```

addCountryIn("Syria", "Damascus", "Asia", 185180, 21.32, 15.81);
addCountryIn("Taiwan", "Taipei", "Asia", 36193, 23.89, 773.55);
addCountryIn("Tajikistan", "Dushanbe", "Asia", 143100, 9.75, 9.29);
addCountryIn("Tanzania", "Dodoma", "Africa", 945087, 61.5, 71.37);
addCountryIn("Thailand", "Bangkok", "Asia", 513120, 69.95, 543.55);
addCountryIn("Timor Leste", "Dili", "Asia", 14874, 1.34, 2.34);
addCountryIn("Togo", "Lome", "Africa", 56785, 8.88, 7.67);
addCountryIn("Tonga", "Nuku'alofa", "Australia", 747, 0.105, 0.517);
addCountryIn("Trinidad and Tobago", "Port of Spain", "North America", 5130,
1.4, 22.79);
addCountryIn("Tunisia", "Tunis", "Africa", 163610, 12.04, 47.61);
addCountryIn("Turkey", "Ankara", "Asia/Europe", 783356, 85.34, 943.21);
addCountryIn("Turkmenistan", "Ashgabat", "Asia", 488100, 6.35, 45.23);
addCountryIn("Tuvalu", "Funafuti", "Australia", 26, 0.011, 0.049);
addCountryIn("Uganda", "Kampala", "Africa", 241038, 47.12, 44.43);
addCountryIn("Ukraine", "Kyiv", "Europe", 603628, 39.32, 161.15);
addCountryIn("United Arab Emirates", "Abu Dhabi", "Asia", 83600, 9.89, 421.14);
addCountryIn("United Kingdom", "London", "Europe", 243610, 67.33, 3324.29);
addCountryIn("United States", "Washington, D.C.", "North America", 9833517,
331.45, 268);
addCountryIn("Uruguay", "Montevideo", "South America", 176215, 3.49, 82.46);
addCountryIn("Uzbekistan", "Tashkent", "Asia", 447400, 34.24, 80.39);
addCountryIn("Vanuatu", "Port Vila", "Australia", 12189, 0.307, 0.96);
addCountryIn("Vatican City", "Vatican City", "Europe", 0.44, 0.001, 0.795);
addCountryIn("Venezuela", "Caracas", "South America", 916445, 29.07, 190.12);
addCountryIn("Vietnam", "Hanoi", "Asia", 331212, 98.17, 366.14);
addCountryIn("Yemen", "Sana'a", "Asia", 527968, 32.98, 25.98);
addCountryIn("Zambia", "Lusaka", "Africa", 752612, 19.47, 28.05);
addCountryIn("Zimbabwe", "Harare", "Africa", 390757, 15.89, 21.04);
}

```



```

    public static void displayCountriesByContinent(String continent) {
        System.out.println("Countries in " + continent + ":");
        int count = 0;
        for (CountryIn country : countries.values()) {
            if (country.getContinent().equalsIgnoreCase(continent)) {
                System.out.println("- " + country.getName());
                count++;
            }
        }
        System.out.println("Total number of countries in " + continent + ": " +
count);
    }

    public static void displayCountryDetails(String countryName) {
        CountryIn country = countries.get(countryName.toLowerCase());
        if (country != null) {
            System.out.println("\nDetails for " + country.getName() + ":");
            System.out.println("Capital: " + country.getCapital());
            System.out.println("Continent: " + country.getContinent());
            System.out.println("Area: " + country.getArea() + " sq km");
            System.out.println("Population: " + country.getPopulation() + "
million");
            System.out.println("GDP: " + country.getGdp() + " billion USD");
            System.out.println(" ");
        } else {
            System.out.println("Country not found.");
        }
    }

    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);
        String userInput;
        System.out.println("Welcome to Country Overview!!");
        while (true) {
            System.out.println("Choose a continent from the list:");
            for (int i = 0; i < continents.length; i++) {
                System.out.println((i + 1) + ". " + continents[i]);
            }

            int choice;
            do {
                System.out.print("Enter the number of continent you want to know
more about: ");

```

```

                choice = scanner.nextInt();
                scanner.nextLine(); // consume newline
                if (choice < 1 || choice > continents.length) {
                    System.out.println("Invalid choice, please try again.");
                }
            } while (choice < 1 || choice > continents.length);

            String selectedContinent = continents[choice - 1];
            displayCountriesByContinent(selectedContinent);
            System.out.println(" ");

            while (true) {
                System.out.print("Enter country name, 'change' to select a new
continent, or 'exit' to quit: ");
                userInput = scanner.nextLine().trim();

                if (userInput.equalsIgnoreCase("exit")) {
                    System.out.println(" ");
                    System.out.println("Exiting the program...");
                    scanner.close();
                    return;
                } else if (userInput.equalsIgnoreCase("change")) {
                    System.out.println("Returning to continent selection...");
                    break; // Break out of the country selection loop to reselect
the continent
                } else {
                    displayCountryDetails(userInput);
                }
            }
        }
    }

    class CountryIn {
        private String name;
        private String capital;
        private String continent;
        private double area; // in square kilometers
        private double population; // in millions
        private double gdp; // in billion USD
    }
}

```



```
    public CountryIn(String name, String capital, String continent, double area,
double population, double gdp) {
        this.name = name;
        this.capital = capital;
        this.continent = continent;
        this.area = area;
        this.population = population;
        this.gdp = gdp;
    }

    public String getName() {
        return name;
    }

    public String getCapital() {
        return capital;
    }

    public String getContinent() {
        return continent;
    }

    public double getArea() {
        return area;
    }

    public double getPopulation() {
        return population;
    }

    }

    public double getGdp() {
        return gdp;
    }
}
```

APPLICATIONS

Who Can Benefit from Country Overview?

- Students and teachers.
- Researchers and academics.
- Travelers and travel enthusiasts.
- Anyone interested in learning about global cultures and countries.

THANK YOU!