

Lab Country

In Continent.java

Declare a public enum called Continent. It includes a constant for each of the 7 continents

Remember: According to the Java naming convention enum constants should be capitalized

Continents that consist of two words should use an underscore like **NORTH_AMERICA**

Example: `public enum Direction { UP, DOWN, LEFT, RIGHT }`

. . . Compile and run

In Country.java

In the fields section

Create the following two fields:

- A private final field of type String called name
- A private final field of type Continent called continent

In the constructor section:

Create one constructor that takes two parameters.

Initialize the private fields with the values passed in the parameters

In the methods section:

Add the following two getters above the toString method that is already declared:

- getName returns the value of the field name
- getContinent returns the value of the field continent

In method toString delete the statement `return null;` and replace it with the following statement:

`return String.format("%s (%s)", name, continent);`

. . . Compile and run

In CountryTest.java

Un-comment the three print statements in the main method.

At the beginning of the main method before the print statements do the following:

- Create an instance of type Continent called myContinent. Initialize it with NORTH_AMERICA
- Create an instance of type Country called country1.
Initialize it with the name USA and the variable myContinent
- Create an instance of type Country called country2. Initialize it with the name Austria and the Continent EUROPE
Code to print country1 and country 2 is already provided

. . . Compile and run