Hands-on 7: Add a New Country

# 1. Add Method in CountryService

Create the following method in the `CountryService` class to add a new country to the database:

@Transactional  
public void addCountry(Country country) {  
 countryRepository.save(country);  
}

# 2. Add Test Method in OrmLearnApplication

Add a new method `testAddCountry()` in `OrmLearnApplication` to test the add country functionality.

private static void testAddCountry() throws CountryNotFoundException {  
 LOGGER.info("Start");  
  
 Country newCountry = new Country();  
 newCountry.setCode("XY");  
 newCountry.setName("Xyland");  
  
 countryService.addCountry(newCountry);  
  
 Country retrievedCountry = countryService.findCountryByCode("XY");  
 LOGGER.debug("Added Country: {}", retrievedCountry);  
  
 LOGGER.info("End");  
}

# 3. Invoke in Main Method

public static void main(String[] args) {  
 ApplicationContext context = SpringApplication.run(OrmLearnApplication.class, args);  
 countryService = context.getBean(CountryService.class);  
 testAddCountry();  
}

# 4. Verify in Database

Check your database to confirm that the new country with code 'XY' and name 'Xyland' has been successfully added.