**Hands on 8**

**Update a country based on code**

**4. Country updateCountry(String code, String name)**

**Purpose:**  
Update the name of an existing country.

**Code:**

**@Transactional**

**public Country updateCountry(String code, String name) throws CountryNotFoundException {**

**Optional<Country> result = countryRepository.findById(code);**

**if (result.isEmpty()) throw new CountryNotFoundException("Country does not exist");**

**Country country = result.get();**

**country.setName(name);**

**return countryRepository.save(country);**

**}**

**MAIN method to call service:**

**private static void updateCountryTest() {**

**LOGGER.info("Start: updateCountryTest");**

**try {**

**Country updatedCountry = countryService.updateCountry("JP", "Nippon");**

**LOGGER.debug("Updated Country: {}", updatedCountry);**

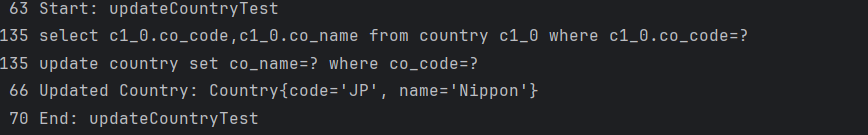
**} catch (CountryNotFoundException e) {**

**LOGGER.warn("Exception: {}", e.getMessage());**

**}**

**LOGGER.info("End: updateCountryTest");**

**}**

**Output: **