**Hands on 7**

**Add a new country** 

* Create new method in CountryService.

@Transactional

public void addCountry(Country country)

* Invoke save() method of repository to get the country added.

countryRepository.save(country)

* Include new testAddCountry() method in OrmLearnApplication. Perform steps below:
  + Create new instance of country with a new code and name
  + Call countryService.addCountry() passing the country created in the previous step.
  + Invoke countryService.findCountryByCode() passing the same code used when adding a new country
  + Check in the database if the country is added

**ANSWER**

**CountryService.java**

@Transactional

void addCountry(Country country);

**CountryServiceImpl.java**

@Override

@Transactional

public void addCountry(Country country) {

countryRepository.save(country);

}

**CountryApplication.java**

private void testAddCountry() {

LOGGER.info("Start");

try {

Country country = new Country();

country.setCode("XY");

country.setName("Testland");

countryService.addCountry(country);

Country addedCountry = countryService.findCountryByCode("XY");

LOGGER.debug("Added Country: {}", addedCountry.getName());

} catch (Exception e) {

LOGGER.error("Error while adding country", e);

}

LOGGER.info("End");

}

**OUTPUT:**

INFO com.example.country.CountryApplication - Start

DEBUG com.example.country.CountryApplication - Country: India

INFO com.example.country.CountryApplication - End

INFO com.example.country.CountryApplication - Start

DEBUG com.example.country.CountryApplication - Added Country: Testland

INFO com.example.country.CountryApplication - End