**Hands On 5: Implement services for managing Country** 

**Country.java**

package com.example.country.entity;  
import jakarta.persistence.Entity;  
import jakarta.persistence.Id;  
  
@Entity  
public class Country {  
 @Id  
 private String code;  
 private String name;  
  
 *// Getters and Setters* public String getCode() {  
 return code;  
 }  
  
 public void setCode(String code) {  
 this.code = code;  
 }  
  
 public String getName() {  
 return name;  
 }  
  
 public void setName(String name) {  
 this.name = name;  
 }  
}

**CountryRepository.java**

package com.example.country.repository;  
  
import com.example.country.entity.Country;  
import org.springframework.data.jpa.repository.JpaRepository;  
  
public interface CountryRepository extends JpaRepository<Country, String> {  
}

**CountryApplication.java**

package com.example.country;  
  
import com.example.country.repository.CountryRepository;  
import org.springframework.beans.factory.annotation.Autowired;  
import org.springframework.boot.CommandLineRunner;  
import org.springframework.boot.SpringApplication;  
import org.springframework.boot.autoconfigure.SpringBootApplication;  
  
@SpringBootApplication  
public class CountryApplication implements CommandLineRunner {  
  
 @Autowired  
 private CountryRepository countryRepository;  
  
 public static void main(String[] args) {  
 SpringApplication.*run*(CountryApplication.class, args);  
 }  
  
 @Override  
 public void run(String... args) {  
 System.*out*.println("All countries:");  
 countryRepository.findAll().forEach(c -> System.*out*.println(c.getName()));  
  
 }  
}

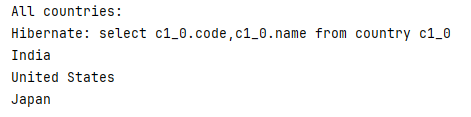
**application.properties**

spring.application.name=country  
spring.datasource.url=jdbc:h2:mem:testdb  
spring.datasource.driver-class-name=org.h2.Driver  
spring.datasource.username=sa  
spring.datasource.password=  
spring.jpa.hibernate.ddl-auto=create  
spring.datasource.initialization-mode=always  
spring.h2.console.enabled=true

**import.sql**

INSERT INTO country (code, name) VALUES ('IN', 'India');  
INSERT INTO country (code, name) VALUES ('US', 'United States');  
INSERT INTO country (code, name) VALUES ('JP', 'Japan');

**Output**

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