**Springboot-hibernate-one-to-many-mapping:**

package com.example.springboot;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.boot.CommandLineRunner;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

import com.example.springboot.entity.Comment;

import com.example.springboot.entity.Post;

import com.example.springboot.repository.PostRepository;

@SpringBootApplication

public class SpringbootHibernateOneToManyMappingApplication implements CommandLineRunner{

public static void main(String[] args) {

SpringApplication.run(SpringbootHibernateOneToManyMappingApplication.class, args);

}

@Autowired

private PostRepository postRepository;

@Override

public void run(String... args) throws Exception {

Post post = new Post("one to many mapping using JPA and hibernate", "one to many mapping using JPA and hibernate");

Comment comment1 = new Comment("Hiii");

Comment comment2 = new Comment("Helloo");

Comment comment3 = new Comment("Welcome...");

post.getComments().add(comment1);

post.getComments().add(comment2);

post.getComments().add(comment3);

this.postRepository.save(post);

}

}

**Comment.java**

**package** com.example.springboot.entity;

**import** jakarta.persistence.\*;

@Entity

@Table(name = "comments")

**public** **class** Comment {

@Id

@GeneratedValue(strategy = GenerationType.***IDENTITY***)

**private** **long** id;

**private** String text;

**public** Comment() {

}

**public** Comment(String text) {

**super**();

**this**.text = text;

}

**public** **long** getId() {

**return** id;

}

**public** **void** setId(**long** id) {

**this**.id = id;

}

**public** String getText() {

**return** text;

}

**public** **void** setText(String text) {

**this**.text = text;

}

}

**Post.java**

package com.example.springboot.entity;

import java.util.ArrayList;

import java.util.List;

import jakarta.persistence.\*;

@Entity

@Table(name = "posts")

public class Post {

@Id

@GeneratedValue(strategy = GenerationType.IDENTITY)

private long id;

@Column(name = "title")

private String title;

@Column(name = "description")

private String description;

@OneToMany(cascade = CascadeType.ALL)

@JoinColumn( name = "pc\_fid", referencedColumnName = "id")

List<Comment> comments = new ArrayList<>();

public Post() {

}

public Post(String title, String description) {

super();

this.title = title;

this.description = description;

}

public long getId() {

return id;

}

public void setId(long id) {

this.id = id;

}

public String getTitle() {

return title;

}

public void setTitle(String title) {

this.title = title;

}

public String getDescription() {

return description;

}

public void setDescription(String description) {

this.description = description;

}

public List<Comment> getComments() {

return comments;

}

public void setComments(List<Comment> comments) {

this.comments = comments;

}

}

**CommentRepository.java**

package com.example.springboot.repository;

import org.springframework.data.jpa.repository.JpaRepository;

import org.springframework.stereotype.Repository;

import com.example.springboot.entity.Comment;

@Repository

public interface CommentRepository extends JpaRepository<Comment, Long>{

}

**PostRepository.java**

**package** com.example.springboot.repository;

**import** org.springframework.data.jpa.repository.JpaRepository;

**import** org.springframework.stereotype.Repository;

**import** com.example.springboot.entity.Post;

@Repository

**public** **interface** PostRepository **extends** JpaRepository<Post, Long>{

}

**ApplicationProperties**

spring.datasource.url=jdbc:mysql://localhost:3306/demo5?useSSL=false

spring.datasource.username=root

spring.datasource.password=Sivaram@123

spring.jpa.hibernate.ddl-auto=update

spring.jpa.database-platform=org.hibernate.dialect.MySQLDialect

spring.jpa.generate-ddl=true

spring.jpa.show-sql=true

logging.level.org.hibernate.SQL=DEBUG

server.port=8081

**Pom.xml**

<project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">

<modelVersion>4.0.0</modelVersion>

<parent>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-parent</artifactId>

<version>3.0.6</version>

<relativePath/> <!-- lookup parent from repository -->

</parent>

<groupId>com.example</groupId>

<artifactId>Springboot-hibernate-one-to-many-mapping</artifactId>

<version>0.0.1-SNAPSHOT</version>

<name>Springboot-hibernate-one-to-many-mapping</name>

<description>Springboot hibernate one to many mapping</description>

<properties>

<java.version>17</java.version>

</properties>

<dependencies>

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-data-jpa</artifactId>

</dependency>

<dependency>

<groupId>com.mysql</groupId>

<artifactId>mysql-connector-j</artifactId>

<scope>runtime</scope>

</dependency>

<dependency>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-starter-test</artifactId>

<scope>test</scope>

</dependency>

</dependencies>

<build>

<plugins>

<plugin>

<groupId>org.springframework.boot</groupId>

<artifactId>spring-boot-maven-plugin</artifactId>

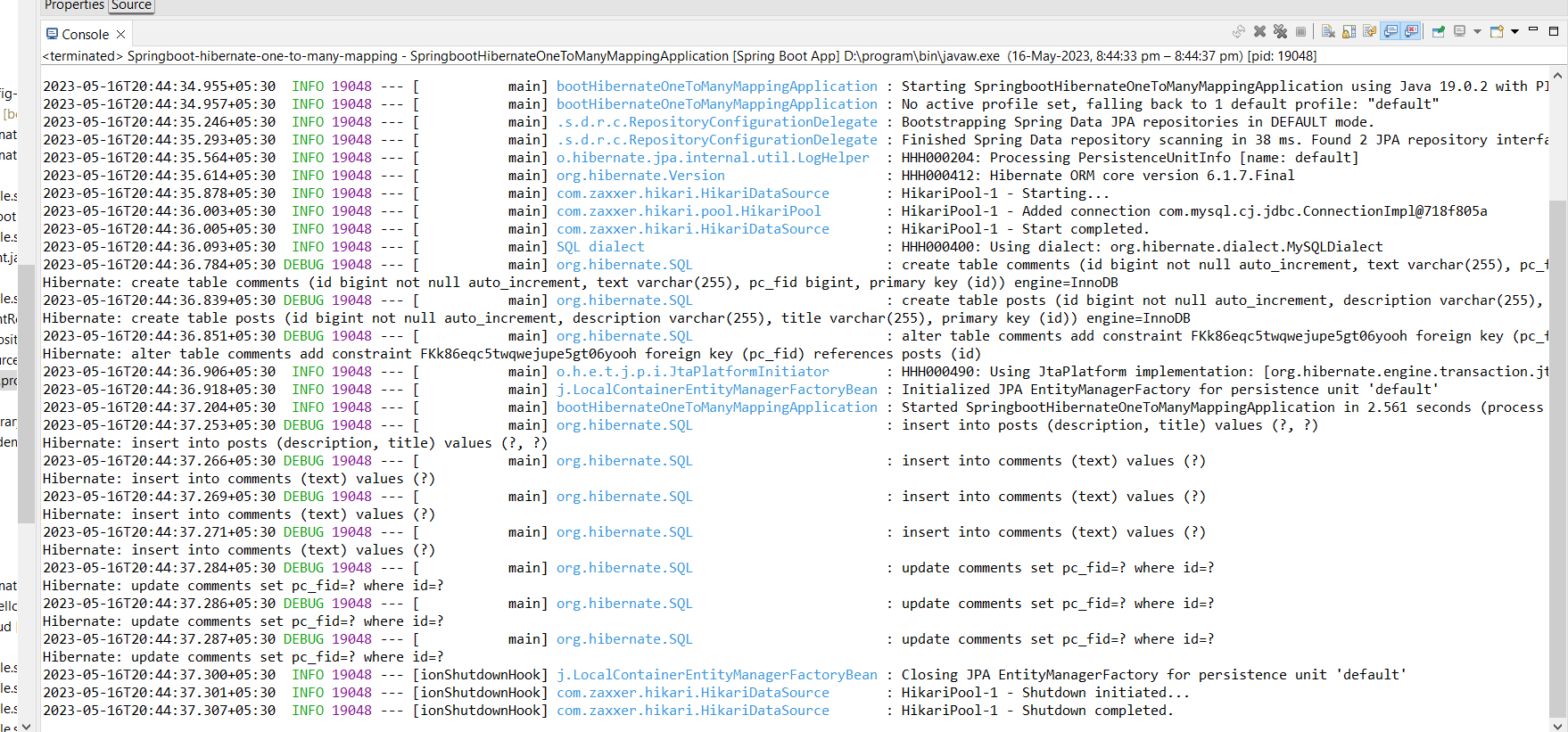
</plugin>

</plugins>

</build>

</project>

**Output:**



**Mysqldatabase**

