```
Spring Data JPA - Quick Example
package com.example.student.entity;
import jakarta.persistence.*;
@Entity
public class Student {
  @ld
  @GeneratedValue(strategy = GenerationType.IDENTITY)
  private int id;
  private String name;
  private String department;
  private String email;
  public int getId() { return id; }
  public void setId(int id) { this.id = id; }
 public String getName() { return name; }
  public void setName(String name) { this.name = name; }
  public String getDepartment() { return department; }
  public void setDepartment(String department) { this.department = department; }
  public String getEmail() { return email; }
  public void setEmail(String email) { this.email = email; }
```

```
@Override
  public String toString() {
    return "Student{" + "id=" + id + ", name="" + name + '\" +
       ", department="" + department + "\" + ", email="" + email + "\" + "};
 }
}
package com.example.student.repository;
import com.example.student.entity.Student;
import org.springframework.data.jpa.repository.JpaRepository;
public interface StudentRepository extends JpaRepository<Student, Integer> {
}
package com.example.student;
import com.example.student.entity.Student;
import com.example.student.repository.StudentRepository;
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 StudentApplicationn implements CommandLineRunner {
  @Autowired
  private StudentRepository studentRepository;
```

```
public static void main(String[] args) {
              SpringApplication.run(StudentApplication.class, args);
      }
       @Override
       public void run(String... args) {
              Student s1 = new Student();
              s1.setName("Keerthi");
              s1.setDepartment("CSE");
              s1.setEmail("keerthi@example.com");
              studentRepository.save(s1);
              System.out.println("All Students:");
              studentRepository.findAll().forEach(System.out::println);
      }
}
OUTPUT:
 Project Explorer × □ 😘 🎖 🔛 🗆 🗓 Student.java
                                                                                     a D StudentRepository.java D StudentApplicationn.java × public void run (String... args)
   eureka-server
                                                                                               Student s1 = new Student();
s1.setName("Keerthi");
s1.setDepartment("CSE");
   © exp-6
© Experiments
S FactoryPatternDemo
S FinancialForecast
                                                                                                s1.setEmail("keerthi@example.com");
   Hackathon [boot]
   a handloom-app
   in handmadeshop-master
in HCQL
in jfsdcaptcha (in jfsdcrud)
                                                                                                studentRepository.save(s1);
                                                                                                System.out.println("All Students:");

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                                                                                                studentRepository.findAll().forEach(System.out::println);
   Lab3
   □ Lab5
□ labs6-12
   33
   ₩ mockdemo
                                                                 🖺 Problems 48 Servers 🗗 Terminal 🌃 Data Source Explorer 🗆 Properties 🖫 Console × 🕃 Outline 🗦 Unit student - StudentApplicationn (Spring Boot App) C\Users\BORRA Panitha\p2\poolphjugins\predjesejustjopenjdkhotspotjrefullwin32x86.64_17.0.5v20221102-0993\jrelbinjavawæve (7 Jul 2025, 123138 am) (pid
   organica (in Server)

ormdemo [boot]

querymethods_demo [boot]
                                                                                       Maximum pool size: undefined/unknown
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                                                                                                                                                                                              [student] [
                                                                                                                                                                                                                                                        main] o.h.e.t.j.p.i.JtaPla
   Hibernate: create table student (10 Intege. Not Not 2025-07-07T00:31:44.449+05:30 INFO 11696 --- [student] [
    Servers
                                                                  Hibernate: create table student (id integer not null auto_increment, department varchar(255),

    □ Shopping_Cart (in shopping-cart-spring-less SingletonDemo
    □ springdatajpa (in springdatajpa-eclipse)

                                                                                                                                                                                                                                                        main] j.LocalContainerEntimain] JpaBaseConfiguration
                                                                  2025-07-07T00:31:44.665+05:30 WARN 11696 ---
```

INFO 11696 --- [student] [
INFO 11696 --- [student] [

Hibernate: select s1_0.id,s1_0.department,s1_0.email,s1_0.name from student s1_0 Student{id=1, name='Keerthi', department='CSE', email='keerthi@example.com'}

Hibernate: insert into student (department, email, name) values (?,?,?)

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2025-07-07T00:31:45.163+05:30 2025-07-07T00:31:45.174+05:30

All Students:

SpringMVCCRUDHibernateProject (in Lal

SpringmvcCkoDriber
 Springmvcdemo [boot]
 Springmvcjdbc
 StoredProcExample
 Student [boot]

student-service a warh