

Optional (Java SE 21 & JDK 21)

Step1: Create a Spring Boot Project

* Dependencies:

- Spring Web
- Spring Data JPA
- MySQL Driver
- Spring Dev Tools

Step2: Update application.properties

```
#Database Configuration
spring.datasource.url=jdbc:mysql://localhost:3306/student_db
spring.datasource.username=springstudent
spring.datasource.password=springstudent

#Hibernate Configuration
spring.jpa.hibernate.ddl-auto=update
spring.jpa.show-sql=true
spring.jpa.properties.hibernate.dialect=
org.hibernate.dialect.MySQLDialect
#HQL*
spring.jpa.format-sql=true
```

Step3: Create entity package and the class Student

Step4: Create repository package and create an interface StudentRepository and it will extend JpaRepository

Step5: Create service package and create StudentService interface

Step6: Create a class StudentServiceImpl which will implement StudentService.

Step7: Create controller package and inside it create StudentController class.

Steps to push the project on git:

[Git - Downloads](#)