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1. **How to connect Mysql using Spring boot Java and also create table in database tutorial**
   1. First create a Spring Boot project using start.spring.io with following spring dependencies: -
      * Spring web
      * Spring Data JPA
      * MySQL Driver
      * Lombok
   2. After creating the database add following parameters related to database in the application.properties:-
      * spring.datasource.url=mysql://localhost:3306/<database\_name>
      * spring.datasource.username=root
      * spring.datasource.password=root123
   3. Additional following parameters can be added:-
      * spring.jpa.show-sql=true
      * spring.jpa.generate-ddl=true
      * spring.jpa.hibernate.ddl-auto=update
      * spring.jpa.properties.hibernate.dialect=org.hibernate.dialect.MySQL8Dialect
   4. Create a class corresponding to the table with variables with following annotations.
      1. @Entity
      2. @Data
      3. @Table(name=”<table\_name>”)
   5. Also with member variables add @Id and @Column(name=”<table\_name>”) dependencies.

# POST data in Mysql database using Spring Boot and Postman tutorial | REST API

# @NoArgsConstructor and @AllArgsConstructor the class.

# Now we have to create repository for that entity class.

# We have to create a public interface that extends JpaRepository<entityName,dataTypeOfPrimaryKey>{ }

# Now we have to create a class entityService which will perform CRUD operations, annotate it with

# Initialise a data member of repository with dependency @Autowired

# Create a method saveDetails with parameter of the entity class and that return repo.save(entityObject);

# Now create an entityController which would initialise entityService with annotation @Autowired