SPRING BOOT

- 1) Design a Spring Boot program to create a CRUD (Create, Read, Update, Delete) application using Hibernate for managing employee records. The program should allow users to perform the following operations on the employee database:
 - a) Add a new employee: The user can enter details like employee name, department, and salary, and the program should add the employee to the database.
 - b) Update employee details: The user can update the name, department, or salary of an existing employee based on their employee ID.
 - c) Delete an employee: The user can delete an employee from the database based on their employee ID.
 - d) Display all employees: The program should retrieve and display a list of all employees and their details from the database.
 - e) Requirements:
 - i) Use Spring Boot to create the application and Hibernate to manage the database.
 - ii) Implement JPA (Java Persistence API) for data access.
 - iii) Provide a RESTful API for performing CRUD operations on employees.
 - iv) Implement exception handling to handle possible errors during database interactions.
 - v) Cover Spring Boot and Hibernate topics, such as entity classes, repositories, services, and controllers.
 - f) Note: Before running the program, make sure you have set up the database and configured the connection in the application.properties file.

Output:

