**Exercise 1: Employee Management System - Overview and Setup**

**Business Scenario:**

You are developing an employee management system that will manage employee data, departments, and their relationships.

**Instructions:**

1. **Creating a Spring Boot Project:**

Initialize a new Spring Boot project named EmployeeManagementSystem.

Add dependencies: Spring Data JPA, H2 Database, Spring Web, Lombok.

1. **Configuring Application Properties:**

Configure application.properties for H2 database connection.

spring.datasource.url=jdbc:h2:mem:testdb

spring.datasource.driverClassName=org.h2.Driver

spring.datasource.username=sa

spring.datasource.password=password

spring.jpa.database-platform=org.hibernate.dialect.H2Dialect

<?xml version="1.0" encoding="UTF-8"?>

<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">

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

<version>4.0.0-SNAPSHOT</version>

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

</parent>

<groupId>com.company</groupId>

<artifactId>EmployeeManagementSystem</artifactId>

<version>0.0.1-SNAPSHOT</version>

<name>EmployeeManagementSystem</name>

<description>Demo project for Spring Boot</description>

<url/>

<licenses>

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</licenses>

<developers>

<developer/>

</developers>

<scm>

<connection/>

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</scm>

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<name>Spring Snapshots</name>

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</releases>

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</pluginRepositories>

</project

