**HANDS ON 5:**

**Get all employees using Native Query** 

**Application.properties:**

spring.application.name=orm\_learn

spring.datasource.url=jdbc:h2:mem:orm\_learn;DB\_CLOSE\_DELAY=-1;DB\_CLOSE\_ON\_EXIT=FALSE

spring.datasource.driver-class-name=org.h2.Driver

spring.datasource.username=sa

spring.datasource.password=

spring.jpa.show-sql=true

spring.jpa.properties.hibernate.format\_sql=true

spring.jpa.hibernate.ddl-auto=create

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

spring.h2.console.enabled=true

spring.h2.console.path=/h2-console

logging.level.org.hibernate.SQL=DEBUG

logging.level.org.hibernate.type.descriptor.sql.BasicBinder=TRACE

spring.jpa.hibernate.ddl-auto=none

spring.sql.init.mode=always

spring.sql.init.schema-locations=classpath:schema.sql

spring.sql.init.data-locations=classpath:data.sql

server.port=8080

**Employee.java:**

**package** com.cognizant.orm\_learn.model;

**import** jakarta.persistence.\*;

@Entity

@Table(name = "employee")

**public** **class** Employee {

@Id

**private** **int** id;

**private** String name;

**private** **double** salary;

**private** String department;

**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** **double** getSalary() {

**return** salary;

}

**public** **void** setSalary(**double** salary) {

**this**.salary = salary;

}

**public** String getDepartment() {

**return** department;

}

**public** **void** setDepartment(String department) {

**this**.department = department;

}

}

**EmployeeRepository.java:**

**package** com.cognizant.orm\_learn.repository;

**import** com.cognizant.orm\_learn.model.Employee;

**import** org.springframework.data.jpa.repository.Query;

**import** org.springframework.data.repository.CrudRepository;

**import** org.springframework.stereotype.Repository;

**import** java.util.List;

@Repository

**public** **interface** EmployeeRepository **extends** CrudRepository<Employee, Integer> {

@Query(value = "SELECT \* FROM employee", nativeQuery = **true**)

List<Employee> getAllEmployeesNative();

}

**EmployeeService.java:**

**package** com.cognizant.orm\_learn.service;

**import** com.cognizant.orm\_learn.model.Employee;

**import** com.cognizant.orm\_learn.repository.EmployeeRepository;

**import** org.springframework.beans.factory.annotation.Autowired;

**import** org.springframework.stereotype.Service;

**import** java.util.List;

@Service

**public** **class** EmployeeService {

@Autowired

**private** EmployeeRepository employeeRepository;

**public** List<Employee> getAllEmployeesNative() {

**return** employeeRepository.getAllEmployeesNative();

}

}

**OUTPUT:**



