**Employee.java**

package com.cognizant.ormlearn.model;

import javax.persistence.\*;

import java.util.Date;

import java.util.Set;

@Entity

@Table(name = "employee")

public class Employee {

@Id

@GeneratedValue(strategy = GenerationType.IDENTITY)

@Column(name = "em\_id")

private int id;

@Column(name = "em\_name")

private String name;

@Column(name = "em\_salary")

private double salary;

@Column(name = "em\_permanent")

private boolean permanent;

@Temporal(TemporalType.DATE)

@Column(name = "em\_date\_of\_birth")

private Date dateOfBirth;

@ManyToOne

@JoinColumn(name = "em\_dp\_id")

private Department department;

@ManyToMany(fetch = FetchType.LAZY)

@JoinTable(name = "employee\_skill",

joinColumns = @JoinColumn(name = "es\_em\_id"),

inverseJoinColumns = @JoinColumn(name = "es\_sk\_id"))

private Set<Skill> skillList;

// Getters and Setters

@Override

public String toString() {

return "Employee [id=" + id + ", name=" + name +

", salary=" + salary + ", permanent=" + permanent +

", dateOfBirth=" + dateOfBirth + "]";

}

}

**EmployeeRepository.java**

package com.cognizant.ormlearn.repository;

import com.cognizant.ormlearn.model.Employee;

import org.springframework.data.jpa.repository.JpaRepository;

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

import java.util.List;

public interface EmployeeRepository extends JpaRepository<Employee, Integer> {

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

List<Employee> getAllEmployeesNative();

}

**EmployeeService.java**

java

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package com.cognizant.ormlearn.service;

import com.cognizant.ormlearn.model.Employee;

import com.cognizant.ormlearn.repository.EmployeeRepository;

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

import org.springframework.stereotype.Service;

import org.springframework.transaction.annotation.Transactional;

import java.util.List;

@Service

public class EmployeeService {

@Autowired

private EmployeeRepository employeeRepository;

@Transactional(readOnly = true)

public List<Employee> getAllEmployeesNative() {

return employeeRepository.getAllEmployeesNative();

}

}

**OrmLearnApplication.java**

package com.cognizant.ormlearn;

import com.cognizant.ormlearn.model.Employee;

import com.cognizant.ormlearn.service.EmployeeService;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

import org.springframework.context.ApplicationContext;

import java.util.List;

@SpringBootApplication

public class OrmLearnApplication {

private static final Logger LOGGER = LoggerFactory.getLogger(OrmLearnApplication.class);

private static EmployeeService employeeService;

public static void main(String[] args) {

ApplicationContext context = SpringApplication.run(OrmLearnApplication.class, args);

employeeService = context.getBean(EmployeeService.class);

testGetAllEmployeesNative();

}

private static void testGetAllEmployeesNative() {

LOGGER.info("Start");

List<Employee> employees = employeeService.getAllEmployeesNative();

employees.forEach(emp -> LOGGER.debug("Employee: {}", emp));

LOGGER.info("End");

}

}