Phase 3

9 classes

Day 4 : June 11 2024

SQL

Select \* from employee; here employee is table. SQL is not case sensitive. \* means retrieve all records with all columns. We get output as string format. In DAO we need to convert into objects.

Where clause

Select \* from employee where id=100;

Select \* from employee where salary > 25000

Retrieve specific column like id or name or name and salary

Select id from employee; retrieve all ids.

Select name from employee retrieve all names

Select name, salary from employee retrieve name and salary

JPQL (Java Persistence Query Language)

Select emp from Employee emp; here Employee is entity class and emp is object name. case sensitive. emp retrieve all variable value from employee table.

Select emp from Employee emp where emp.id=100; here emp is object and id is variable name.

Select emp from Employee emp where emp.salary > 25000

Retrieve partial object.

Select emp.id from Employee emp;

Select emp.name from Employee emp;

Select emp.name, emp.salary from Employee emp;

Spring Framework provide IOC and DI features

JPA or Hibernate provide ORM

Spring ORM module help to integrate with existing ORM tool like Hibernate or JPA.