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# Course Goals and Non Goals

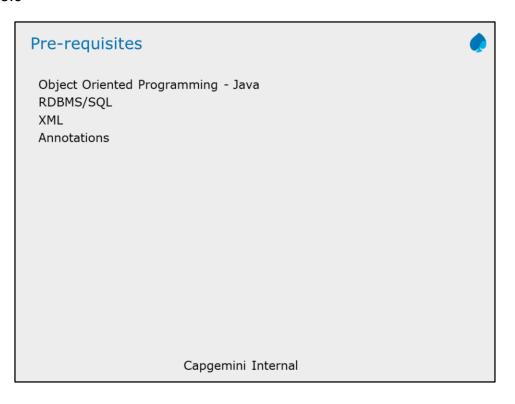
#### Course Goals

- Understanding Object Relation Mapping
- Learning JPA API

#### Course Non Goals

• JPA integration with existing frameworks like spring or struts

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# **Intended Audience**

Java Developers Web Application Developers/Programmers



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# Day Wise Schedule



# Day 1

- · Lesson 1: Introduction to ORM and its need
- · Lesson 2: The Persistence Life Cycle
- Lesson 3: Java persistence API (JPA)
  - Day 2
- · Lesson 4: JPA Queries
- · Lesson 5: Association and Mapping

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# **Table of Contents**



# Lesson 1: Introduction to ORM and its need

- 1.1. Persistence and its need
- 1.2. Object/Relation Mapping
- 1.3. Object-relational Impedance Mismatch
- 1.4. ORM and its need
- 1.5. JPA and its benefits

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# Lesson 2: The Persistence Life Cycle

- 2.1.Introduction
- 2.2.Life Cycle

# Lesson 3: Java Persistence API

- 3.1. Java Persistence API
- 3.2. Working with JPA

# Lesson 4: JPA Queries

- 4.1. JPQL
- 4.2. Working with JPA Queries
- Lesson 5: JPA Association and Mapping

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# References

# Reference URLs:

- http://docs.oracle.com/javaee/7/api/javax/persistence
- http://www.objectdb.com/java/jpa/



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