# Hibernate

# Session Plan

- ✓ Developing with Java EE

- ✓ Hibernate

- ✓ Retrieving data

- ✓ Tuning Hibernate

I

# Day 1

## Introduction to Hibernate

- Review of Java EE (a.k.a. J2EE)

- Review of Java Web Application development with JDBC and Servlets/JSPs/EL

- Overview of Data Access Object (DAO) design pattern

- The pain of developing with JDBC and Servlets

- Advantages of Hibernate compared to JDBC.

- Introduction

- ORM (Object Relational Mapping)

- Hibernate Architecture

- Hibernate Resources

- Object Life Cycle in Hibernate

# Day 2 — Problems in Hibernate

- CRUD operations using Session methods using XML and Annotations

- Problem of Granularity using Annotations

- Problem of Inheritance using Annotations

- Problem of Relationship using Annotations

- Hibernate Query Language (HQL)

- Named Queries

# Day 3

## Retrieving data, Tuning Hibernate

- Criteria API

- Query by example

- Logging

- Lazy loading

- Fetching strategies

- Caching

- Level of Caching
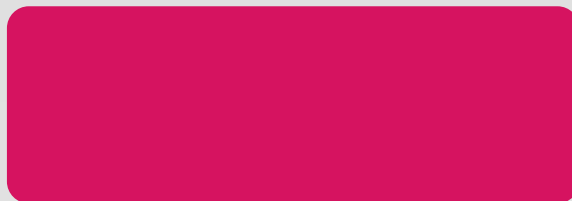
## THANK YOU

**About Mphasis**

Mphasis (BSE: 526299; NSE: MPHASIS) applies next-generation technology to help enterprises transform businesses globally. Customer centricity is foundational to Mphasis and is reflected in the Mphasis' Front2Back™ Transformation approach. Front2Back™ uses the exponential power of cloud and cognitive to provide hyper-personalized ($C=X2C^2_{TM}=1$) digital experience to clients and their end customers. Mphasis' Service Transformation approach helps 'shrink the core' through the application of digital technologies across legacy environments within an enterprise, enabling businesses to stay ahead in a changing world. Mphasis' core reference architectures and tools, speed and innovation with domain expertise and specialization are key to building strong relationships with marquee clients. Click here to know

**Important Confidentiality Notice**

Any Questions?

FOLLOW US IN THE LINK BELOW

@Mphasis