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Design Patterns Course Content

Introduction

- 1. Introduction to Design Patterns
- 2. Need of Design Patterns
- 3. Design Patterns Classification
 - a) Creational Patterns
 - b) Structural Patterns
 - c) Behavioral Patterns

Creational Patterns

- 1. Factory Method Pattern
- 2. Abstract Factory Pattern
- 3. Singleton Pattern
- 4. Prototype Pattern
- 5. Builder Pattern

Structural Patterns

- 1. Adapter Pattern
- 2. Bridge Pattern
- 3. Composite Pattern
- 4. Decorator Pattern
- 5. Flyweight Pattern
- 6. Proxy Patterns

Behavioral Patterns

- 1. Chain of Responsibility Pattern
- 2. Command Pattern
- 3. Interpreter Pattern
- 4. Iterator Pattern
- 5. Mediator Pattern
- 6. Memento Pattern
- 7. Observer Pattern
- 8. State Pattern
- 9. Strategy Pattern
- 10. Template Pattern
- 11. Visitor Patterns

J2EE Patterns

Presentation Layer Design Patterns

- 1. Intercepting Filter Pattern
- 2. Front Controller Pattern
- 3. View Helper Pattern
- 4. Composite View Pattern

Business Layer Design Patterns

- 1. Business Delegate Pattern
- 2. Service Locator Pattern
- 3. Session Facade Pattern
- 4. Transfer Object Pattern
- **Data Access Object Pattern**
- 6. Web Service Broker Pattern

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