

# Design Patterns in Java

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## 1. Creational Patterns

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- Singleton Pattern
- Factory Pattern
- Builder Pattern
- Prototype Pattern

## 2. Structural Patterns

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- Adapter Pattern
- Bridge Pattern
- Composite Pattern
- Decorator Pattern
- Facade Pattern
- Flyweight Pattern
- Proxy Pattern

## 3. Behavioral Patterns

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- Command Pattern
- Interpreter Pattern
- Iterator Pattern
- Mediator Pattern
- Memento Pattern
- Null Object Pattern
- Observer Pattern
- State Pattern
- Strategy Pattern
- Template Method Pattern
- Visitor Pattern