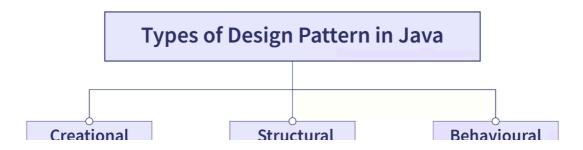
## Design Patterns

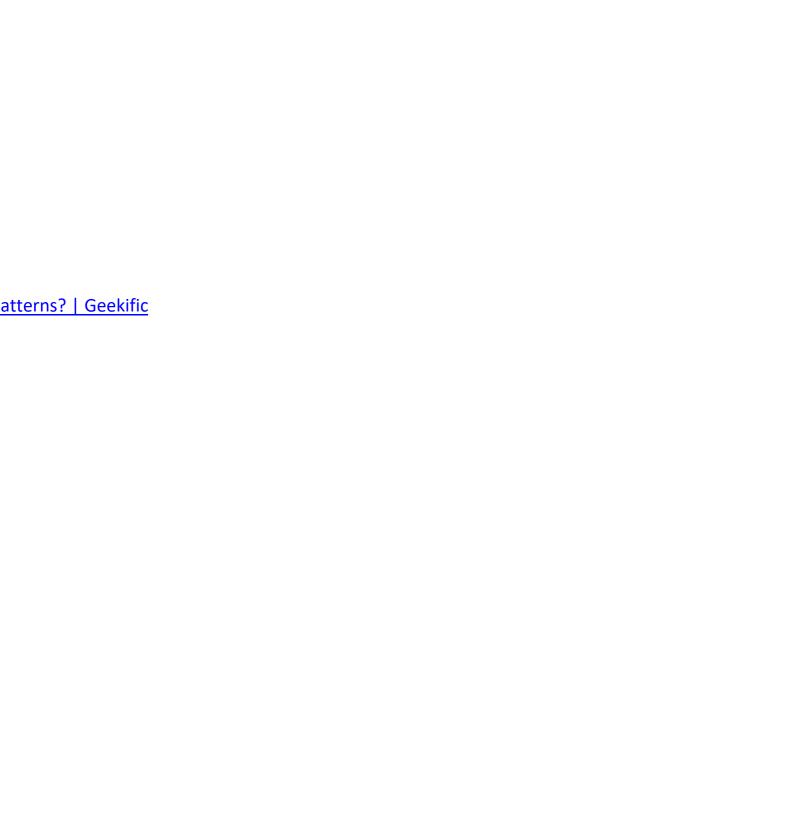
Sunday, 1 August 2021 9:44 AM

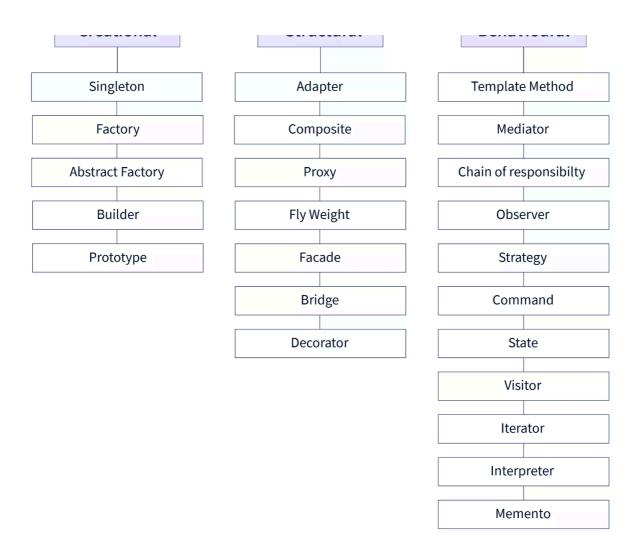
- https://thecodingsimplified.com/design-pattern/
- https://refactoring.guru/design-patterns/java
- <a href="https://www.geeksforgeeks.org/software-design-patterns/?ref=ghm">https://www.geeksforgeeks.org/software-design-patterns/?ref=ghm</a>
- https://www.scaler.com/topics/design-patterns/
- Youtube videos -> Introduction to Design Patterns and Principles | What are Design P



- Creational
  - Singleton Pattern
- Behavioral
  - Observer Pattern
- Structural
  - Adapter Pattern
  - Decorator Pattern







## **Observer Pattern**

Builder factory pattern -> <a href="https://www.geeksforgeeks.org/builder-design-pattern/">https://www.geeksforgeeks.org/builder-design-pattern/</a>
Abstract factory pattern -> <a href="https://www.geeksforgeeks.org/abstract-factory-pattern/?r">https://www.geeksforgeeks.org/abstract-factory-pattern/?r</a>

## **Top 10 patterns**

10 Design Patterns Explained in 10 Minutes







- https://www.digitalocean.com/community/tutorials/java-design-patterns-example-tutorial#behavioral-patterns
- Creational Design Patterns
  - Singleton Pattern
  - Factory Pattern
  - Abstract Factory Pattern
  - Builder Pattern
  - Prototype Pattern
- Structural Design Patterns
  - Adapter Pattern
  - Composite Pattern
  - Proxy Pattern
  - Flyweight Pattern
  - Facade Pattern
  - Bridge Pattern
  - Decorator Pattern
- Behavioral Design Patterns
  - <u>Template Method Pattern</u>
  - Mediator Pattern
  - Chain of Responsibility Pattern
  - Observer Pattern
  - Strategy Pattern
  - Command Pattern
  - State Pattern
  - Visitor Pattern
  - Interpreter Pattern
  - Iterator Pattern
  - Memento Pattern

<u>01:00</u> What are Software Design Patterns? <u>01:34</u> Singleton <u>02:24</u> Prototype <u>03:46</u> Builder <u>04:23</u> Factory <u>04:54</u> Facade <u>05:47</u> Proxy <u>06:45</u> Iterator <u>07:47</u> Observer <u>08:58</u> Mediator <u>09:50</u> State

Design pattern videos -> <a href="Design Patterns">Design Patterns</a>



## ) Creational Pattern

Factory Method Pattern

**Abstract Factory Pattern** 

Singleton Pattern

Prototype Pattern

**Builder Pattern** 

**Object Pool Pattern** 

2) Structural Pattern

Adapter Pattern

Bridge Pattern

Composite Pattern

**Decorator Pattern** 

Facade Pattern

Flyweight Pattern

proxy Pattern

3) Behavioral Pattern

Chain of Responsibility

\_ .\_ ..

Command Pattern
Interpreter Pattern
Iterator Pattern
Mediator Pattern
Memento Pattern
Observer Pattern
State Pattern
Strategy Pattern
Template Pattern

J2EE Patterns