CE204 Object-Oriented Programming

OO Design Principles & Design Patterns

Author: Asst. Prof. Dr. Uğur CORUH

## CE204 Object-Oriented Programming

## Week-10 (OO Design Principles & Design Patterns)

#### Spring Semester, 2021-2022

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## OO Design Principles & Design Patterns

### Outline

* Design Patterns https://refactoring.guru/design-patterns/factory-method

First Design Pattern https://www.amazon.com/Pattern-Language-Buildings-Construction-Environmental/dp/0195019199

Gof Book https://www.amazon.com/gp/product/0201633612/

https://www.cisecurity.org/controls/cis-controls-list

SOLID https://www.monterail.com/blog/solid-principles-cheatsheet-printable https://www.monterail.com/hubfs/PDF%20content/SOLID\_cheatsheet.pdf

https://www.freecodecamp.org/news/solid-principles-explained-in-plain-english/

java - true - liskov substitution principle uncle bob https://code-examples.net/en/q/a476f2

http://www.dotnet-stuff.com/tutorials/dependency-%C4%B1njection/understanding-and-implementing-inversion-of-control-container-ioc-container-using-csharp https://stackify.com/dependency-injection/ https://www.tutorialsteacher.com/ioc/inversion-of-control https://www.wikiwand.com/en/Dependency\_injection https://www.baeldung.com/inversion-control-and-dependency-injection-in-spring

## References

TBD