Design Patterns

- More practice

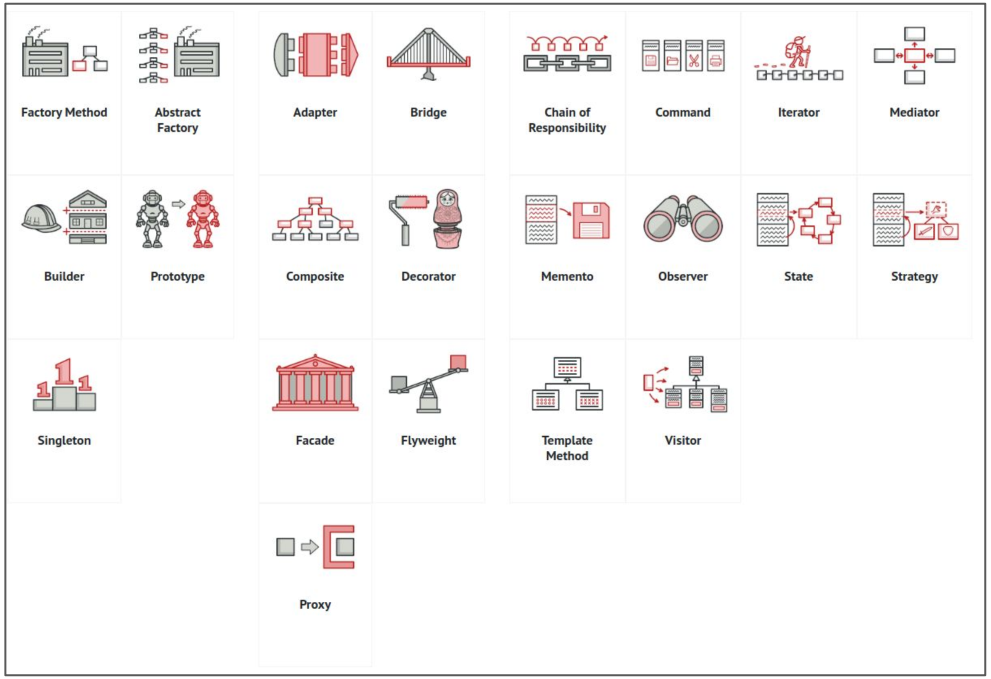
Let’s start with an exercise

https://github.com/trikitrok/beverages_pricing_refactoring_kata

Revisiting refactoring guidelines

- Remove duplication.
- Apply Calisthenics rules.
- Extract private methods from deep conditionals.
- Extract smaller private methods from long methods, and encapsulate cryptic code in private methods.
- Return from methods as soon as possible.
- Encapsulate where we find missing encapsulation.
- **Refactor to patterns**

Patterns catalog



https://refactoring.guru/design-patterns/catalog

codurance

To apply a pattern

Discover the problem

To apply a pattern

Discover the problem

Identify the pattern

To apply a pattern

Discover the problem

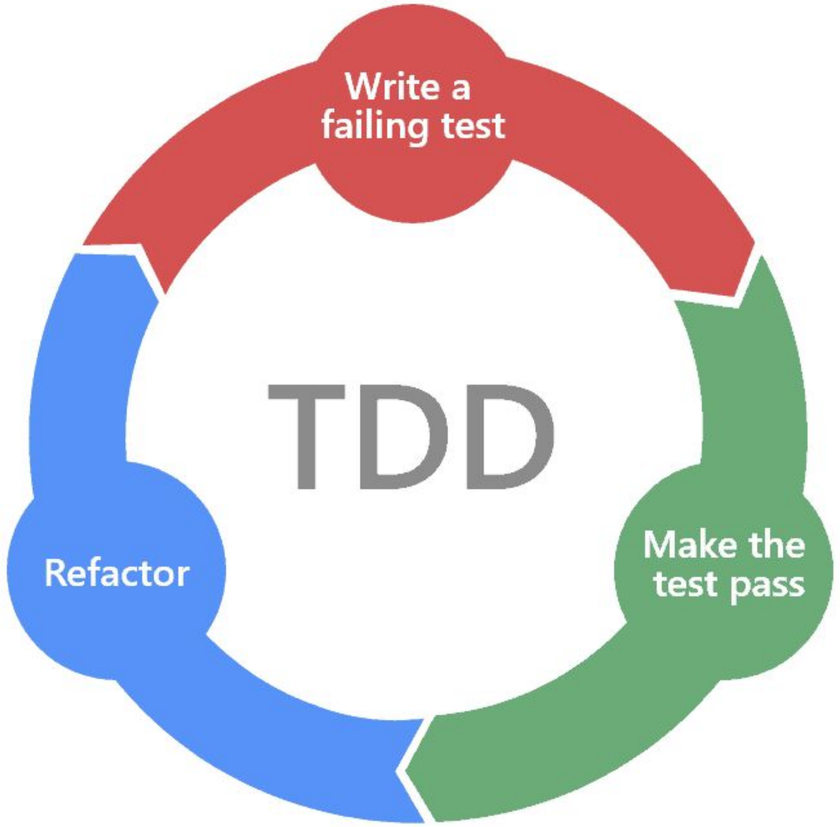
Identify the pattern

Implement

Design patterns: Word of Advice

Avoid leaking the name of the pattern in your code

Design patterns: Word of Advice



Further exercising

https://katalyst.codurance.com/password-validation