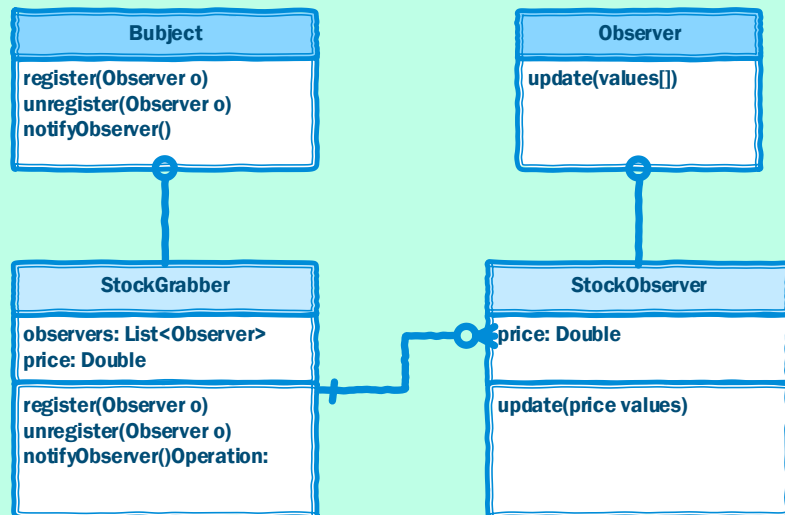
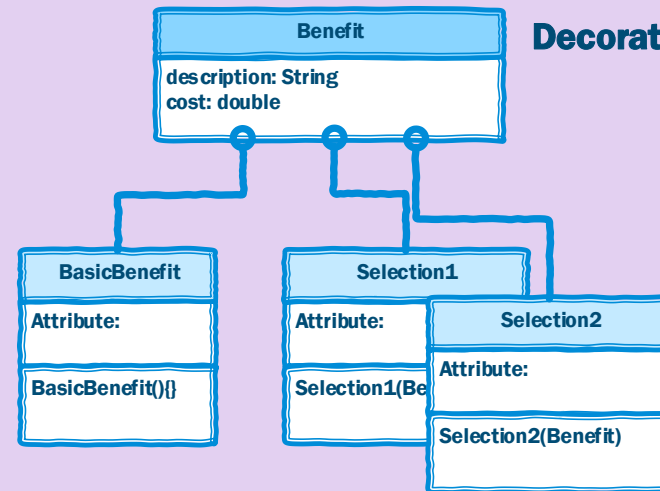


Subject has any changes will notify all registered observers



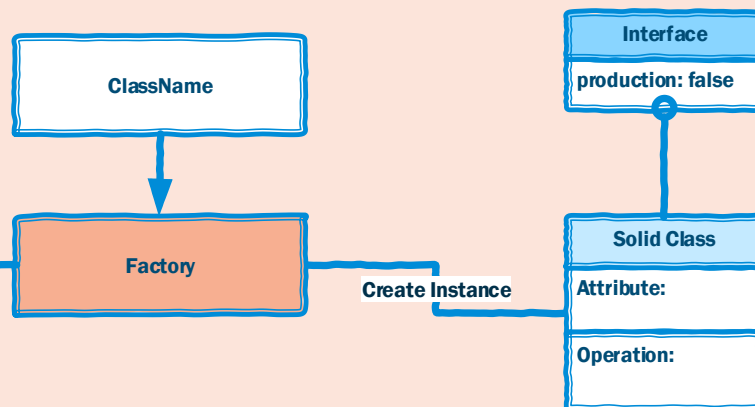
Decorator Pattern



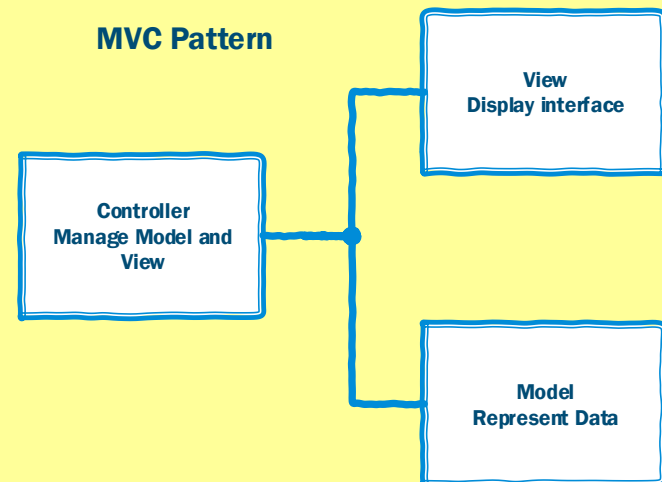
Benefit b = new Selection1(new Selection2(new BasicBenefit()))

Factory Pattern

out put
Interface



MVC Pattern



Dependencies

- **Avoid for class code change for different implementation.**
- **Avoid multi-level classes dependencies which make code configuration cross the app.**
- **Depends directly on classes make unit test more difficult.**

Dependency Injection

- **Use of an interface to abstract the dependency implementation.**
- **Registration of the dependency in a service container.**
- **Injection of the service into the constructor of the class where it is used.**

TDD: Test Driving Development