

# Solid Principal L-5

StarLine  
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# Problem occurs when we build Real world Application.

→ maintainability

→ Readability.

→ BUGS.

# S O I I D.

S:- Single Responsibility principal (SRP)

O:- Open - close principal (OCP)

L:- Liskov Substitution principal (LSP)

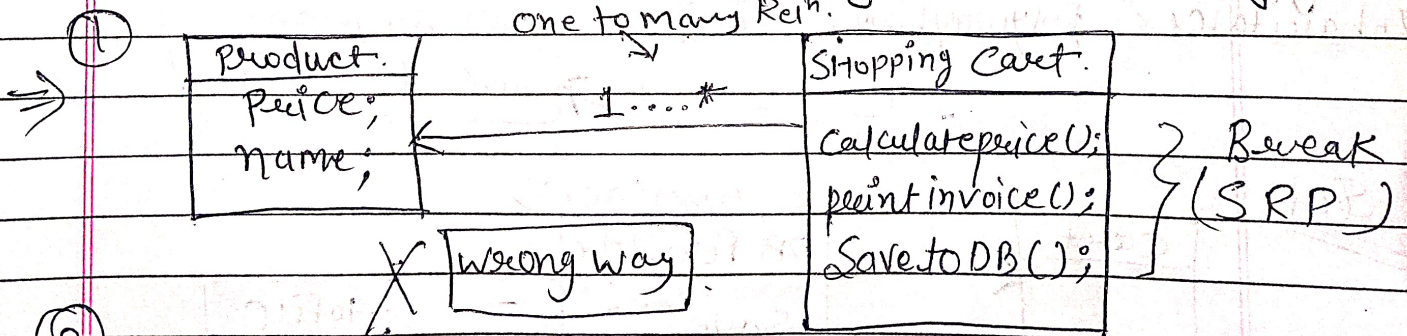
I:- Interface Segregation principal (ISP)

D:- Dependency inversion principal (DIP)

S:-

→ A Class Should have only one reason to change.

→ A class should do only one thing.



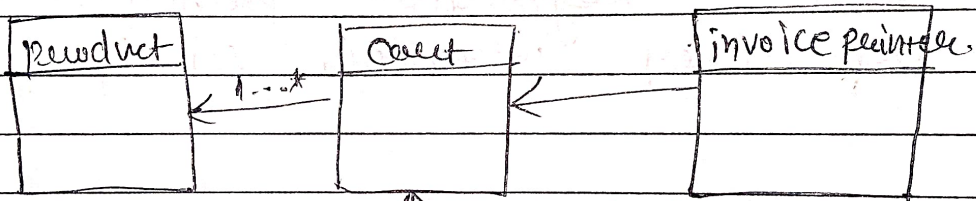


## Code

→ No matter how many methods we use in single class, it matters that all methods work on same task.

O:- Open-Close principal.

→ A class should be open for extension but close for modification.



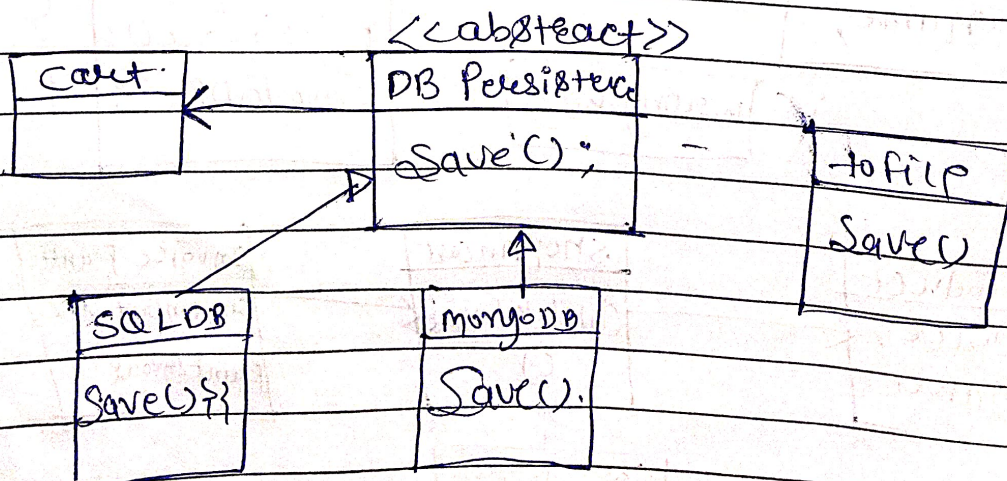
We can apply this through Abstraction, Inheritance & Polymorphism.

Modification is not allowed in class.

DB Store  
Save to DB

Save to mongo()  
Save to file()

Sol





# Liskov Substitution Principle.

→ Subclasses should be substitutable for their Base class.

