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| **Principle** | **Examples** |
| Single Responsibility Principle | <https://github.com/htuzel/SolidPrinciples/blob/master/1.SingleResponsibility/after.js> |
| Open / Closed Principle | <https://github.com/htuzel/SolidPrinciples/blob/master/2.OpenClose/after.ts> |
| Liskov Substitution Principle | <https://github.com/htuzel/SolidPrinciples/blob/master/3.LiskovSubstitution/after.js> |
| Interface Segregation Principle | <https://github.com/htuzel/SolidPrinciples/blob/master/4.InterfaceSegregation/after.ts> |
| Dependency Inversion Principle | <https://github.com/htuzel/SolidPrinciples/blob/master/5.DependencyInversion/after.js> |

**SOLID “S” violation**

**Text

Description automatically generated**

I considered this a violation because the catch is doing two things, I think this could be improved creating an Error class and do that kind of work there.

**SOLID “O” violation**

**Text

Description automatically generated**

In this code snippet we need to do something when a post starts with “#”, but if we need to include another mention, for example with “%” we would have to modify the class with an extra “else if”.

**SOLID “L” violation**

A screenshot of a computer screen

Description automatically generated with medium confidence

The Liskiv substitution principle said, “It states that objects in a program should be replaceable with instances of their subtypes without altering the correctness of that program”. In this case the call of CreatePost() in the case of a subtype MentionPost won’t do what it is supposed to do, notify the user and override existing mention.

SOLID “I” violation

Text

Description automatically generated

In this case in the IPostNew interface there are two methods, but if it is used the user would depend in two methods, this could be fix creating a new interface for each method.

**SOLID “D” violation**

Text

Description automatically generated

This code snippet violates the Dependency injection principle. Because if we want to use kind of logger, we need to modify the class ErrorLogger.

SRP violation:

Text

Description automatically generated

In this code snippet I consider that the Single Responsibility principle is being violated, because the Employee class has methods that are not related to them.