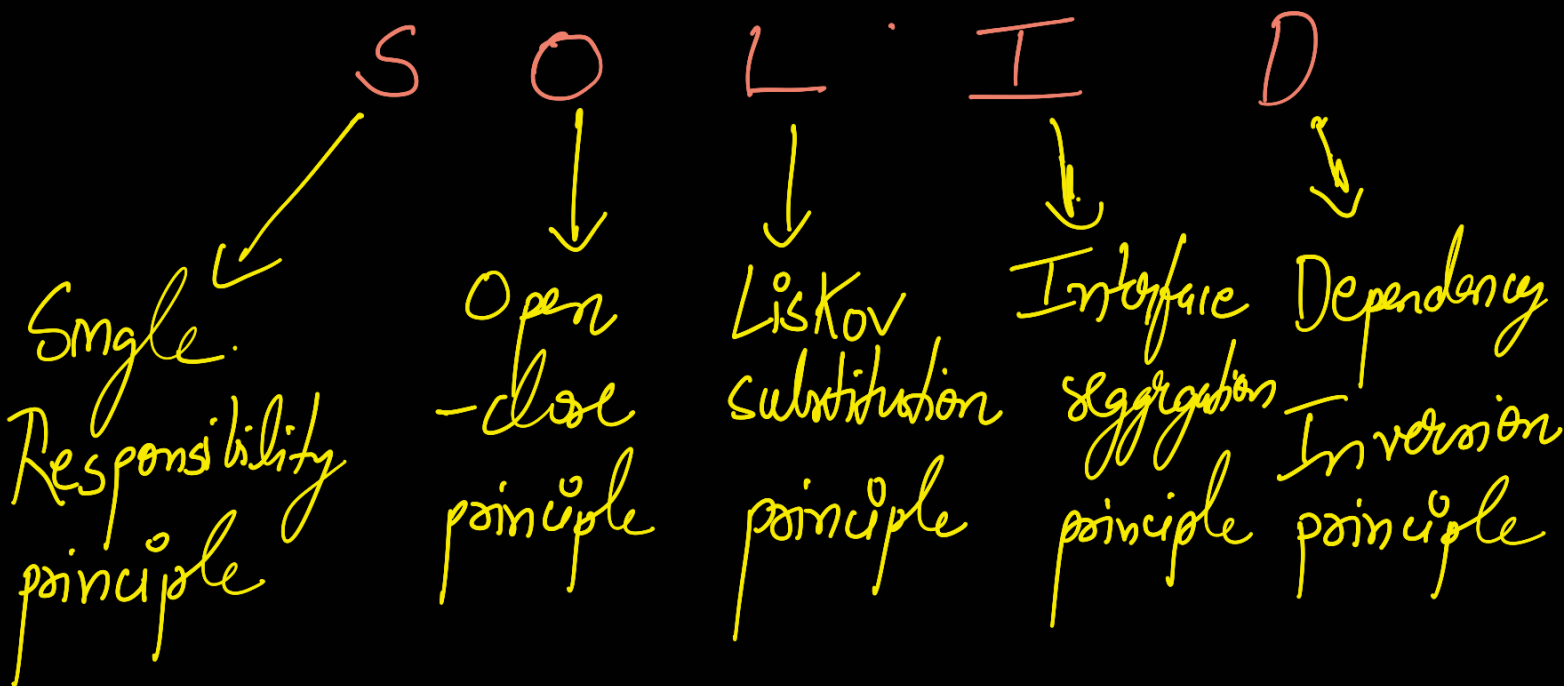


SOLID Principles

* We have learnt OOPS and concept of classes and object but designing a good class and Object oriented design is hard.

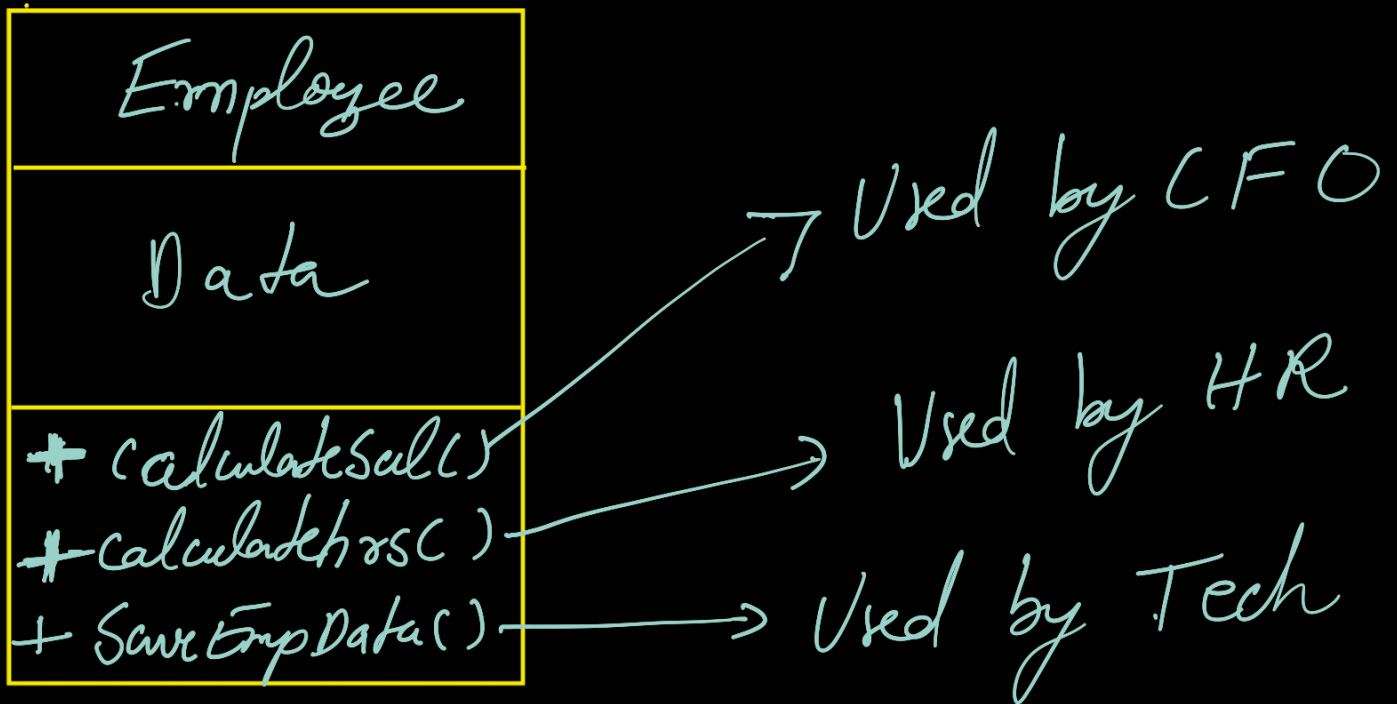
* To design classes, there are some principles which ensures the source code is extendable, manageable and bug free.

↳ These principles are :



1. Single Responsibility principle

* Any Module should be changed by only "1 Actor"



Let's say there's a private method getHrs(); this is used inside

calculateSal()

calculateHrs()

* Now there is some change required in calculateSal() which also changes

gethrs() \rightarrow this will impact calculatehrs() as well.

So, change made by one person is affecting other functions which may be used by some other team.

* This is bad design of class, because it is possible that this class is used by various other teams and code change by one team affects the other team.

\Downarrow solution

Break the class

