

solid principles:

single responsibility principle- ١

the concept that any single in oop should be made for one specific function
.code that is in keeping with SRP has single function per class

:open closed principle- ٢

a design principle that states that software component (such as classes and methods)
should be open for extention but closed for modification . in other word , it means
that you can add new functionality to the software without having to change the
.existing code

:liskov substitution principle- ٣

objects of a supperclass should be replaceable with objects of its subclasses
without breaking
the application

:interface segregation principle- ٤

states that no code should be forced to depend on method it does not use

: control dependency inversion- ٥

the framework controls the app's flow and up to the developer is to provide the
custom logic