

## **solid principles:**

### **single responsibility principle-१**

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-२**

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-३**

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

### **:interface segregation principle-४**

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

### **: control dependency inversion-५**

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