***Introduction***

Software component should be closed for modifications, but open for extension

* Closed for modification: new features getting added to the software component should not have to modify existing code
* Open for extension: software component should be able to add a new feature or behaviour

***Key takeaway***

* are all intertwined and interdependent
* SOLID principles are most effective when they are combined together
* It is important to get a wholesome view of all the SOLID principles

***Wrap up***

* Re-designed code to make it followed Opened Closed Principle (OCP)
* Following OCP can lead to cost benefits in a long run
* OCP and SRP can work together to achieve a better design
* Do not apply OCP blindly and introduce unwanted complexity to your code