**Objectives**

* Explain the usage and implementation of Bridge design pattern
  + Benefits,decoupling class from its interface,hiding implementation details
* Demonstrate the usage and benefits of Facade design pattern
  + Benefits,Simple Interface to complex sub system
* Demonstrate how low coupling can be achieved after applying Chain of responsibility
  + Explain the consequences of chain of responsibility

**Analyze and implement the following design patterns thru real life problems**

**Implement all these problems thru a Console application**

Façade Pattern:

Please refer to the handson document available [here](https://cognizantonline.sharepoint.com/:w:/r/sites/GTP-Solutions/Gencsharepath/Shared%20Documents/Internship2020/FSE/DotNet/04%20-%20DesignPrinciples/References/GoF%20Hands%20on%20Exercises/GOF_FacadePatternHandson.docx?d=wa2d474fc314844169612d8b4e95d3714&csf=1&e=5drUPc).

Chain of responsibility:

Please refer to the handson document available [here](https://cognizantonline.sharepoint.com/:w:/r/sites/GTP-Solutions/Gencsharepath/Shared%20Documents/Internship2020/FSE/DotNet/04%20-%20DesignPrinciples/References/GoF%20Hands%20on%20Exercises/GOF_ChainofResponsibilityHandsOn.docx?d=w8895d6d8f9f64b439b1834bf497f33b8&csf=1&e=XEl6lf).