**Elevator Interface and Class Objects**

Interfaces

* ISingleElevator
  + - Add()
    - Delete()
    - List()
    - Status()
* IMultipleElevator
  + - Add()
    - Delete()
    - List()
    - NearestElevator()
    - status()

Class Elevator implements ISingleElevator, IMultipleElevator

* Add()
* Delete()
* List()
* NearestElevator()
* Status()

As you can see in the interfaces the IMultipleElevator has the nearestElevator method. nearestElevator method is used for multiple elevators in a building, it is used to find the nearest elevator for a specific floor.