CMPE 261 - OOP and Concurrent Programming

Assignment-05

Worth 10% of the assignment mark!

Deadline: 23:50, March 20

In your assignment,explain your codes with *comments*. Without *comments*,your assignment will not be marked.
Define all of your class member variables **private** explicitly.

Problem Statement

Consider an asset-tracking program that will track four types of assets: electronic appliances, automobiles, furniture, and compact disks. What classes would you design for the program? Would you define four unrelated classes or one superclass and four subclasses? If you design a superclass, will it be an abstract superclass?

Implement the asset-tracking program that allows a user to add, modify, and delete electronic appliances, automobiles, furniture, and compact disks. Allow the user to list the assets by category and search for an asset by its serial number.

Hint: Use OOP concepts and methods effectively.