CSE207 – Data Structures
Project: Inventory Management

Project Description:

There is an online shop that contains many kinds of electronic tools and they sell their product depending on the customers' request. Each client gives an order to buy a tool. The shop employees will search for the required tools upon customers' request in First Come First Served basis.
The online shop has the following requirements:

   a. There are many kinds of tools in their stock. They may have more than one category of each kind and they want store all the information of a tool.
   b. The customers have to serve as FCFS basis.
   c. Retrieve data of the last sold tools and able to retrieve monthly product wise sell report.

In this project, you have to do the followings:

   1. Reserve different kinds of electronic tool's detail in linked list
   2. Store the information of customer's order in queue
   3. Store the information of sold tools of per category in stack
   4. Build report that will show monthly selling reports of tools and also show the last sold report.