1. From the problem description, create a list of all classes that you can identify. For each class, list the associated member variables and identify an initial set of member functions.

* - Classes
  + - Variables
    - - Methods
* ItemForSale
  + name
* Transaction
  + Int hour
  + Int minute
  + Int second
  + Int ID
  + ItemForSale item
  + Double cost
  + Double profit
    - Transaction(int hour, int minute, int second, ItemForSale item, double cost, double profit)
    - Int generateID()
    - getters/setters for each member variable
    - String toString()
* Driver
  + Transaction[] transactions
  + Item[] itemsForSale
  + Int choice
    - Void menuDisplay()
    - Void processTransacation(Transacation transacation, int ID)
    - Void voidTransacation(Transacation transacation)
    - Void summaryOfTransacation()
    - Void Sort(String typeOfSort)