**Assignment # 01**

**Requirements:**

* Keep track of stock, purchases and accounts.
* The products at K-Mart are divided into four categories:
  + House-hold
  + Fresh food
  + Frozen food
  + Drinks
* Each product entail:
  + Barcode
  + Name
  + Price
  + Weight
  + Manufacturing date
  + Expiry date
  + Company information
* When customer buys something, an order is prepared form order line that contains:
  + Number of items
  + Total amount
* Order is processed by transaction that contains:
  + Items
  + Price
  + TIme
  + Date
  + Payment type
* Payments are available in:
  + Cash
  + Bank check
    - It will store:
      * Check number
      * Bank name
      * Branch
  + Credit card ( Visa card, Master card )
    - It will store:
      * Card number
      * Card type
      * Expiry
* The system should check whether some promotion is being set for an item and if it is being the case, the specific percent of amount must be deducted from the item's price.