

Assignment 5

Deadline: 23/11/2010, 23:59.

- ▶ Write a Java program for a supermarket with the following features:
 - Product: Name, ID (incremental ID by 1 for each product), Price.
 - Market Basket: ID (incremental ID by 1 for each basket), Net Amount, Total Amount, VAT, List of products, Date and Time of purchase, Address of the supermarket, name of cashier.
 - Cashier: Name, Surname, Username and Password (insert from code five fixed cashiers).
 - Manager: Name, Surname, Username and Password (insert from code one fixed manager).

- ▶ The program must:
 - Present a Menu for the cashier after he has logged in with username and password.
 - ▶ Menu:
 - ▶ New Basket
 - ▶ Insert product in basket,
 - ▶ Remove product from basket
 - ▶ Print information for basket with a certain ID
 - ▶ Apply discount to basket with 10% for Christmas promotion
 - ▶ Overall number of baskets for the cashier with a certain username. (require manager password)
 - ▶ Total amount of all baskets processed by the cashier with a certain username. (require manager password).
 - ▶ Total amount of all baskets of the current day (require manager password).
 - ▶ Change cashier
 - ▶ Pass from Cashier to Manager
 - ▶ Pass from Manager to Cashier

► Exit