BİL141Computer Programming (Java)
Spring 2016

Homework 7

Due by Mar 30 (Wednesday) 24:00

Subject: File I/O

Make a copy of the **TransactionReader**.java program (posted in piazza/homeworks) as **SalesReader**.java and make the following changes:

Assume that Transactions.txt file has transactions for more than one customer/basket and the first column in the file is the basket number. A new file according to this requirement is posted in piazza as **Sales.txt**. Each line in Sales.txt lists one single item in a certain basket and there may be more than one line for any basket. The file is sorted by the basket number (sales in a baskets are grouped). Your new program (BasketTransactionReader.java) should read all lines in Sales.txt, list the items in each basket in the following format with basket totals at the end of each basket, and a grand total for all baskets.

```
Sales:
[Basket 1] 1. Sold 10 of Soda (Item#: 123) at $0.99 each.
[Basket 1] 2. Sold 1 of T-Shirt (Item#: 234) at $9.25 each.
[Basket 1] 3. Sold 5 of Cookie (Item#: 312) at $1.75 each.
[Basket 1] Subtotal = $27.90
[Basket 2] 1. Sold 10 of Coke (Item#: 123) at $0.99 each.
[Basket 2] 2. Sold 1 of T-Shirt (Item#: 234) at $9.25 each.
[Basket 2] Subtotal = $19.15
[Basket 3] 1. Sold 4 of Pepsi (Item#: 553) at $1.99 each.
[Basket 3] 2. Sold 1 of Pants (Item#: 664) at $19.25 each.
[Basket 3] 3. Sold 2 of Cookie (Item#: 312) at $1.75 each.
[Basket 3] 4. Sold 15 of Soda (Item#: 123) at $0.99 each.
[Basket 3] 5. Sold 1 of T-Shirt (Item#: 234) at $9.25 each.
[Basket 3] 6. Sold 5 of Cookie (Item#: 312) at $1.75 each.
[Basket 3] Subtotal = $63.56
Total sales: $110.61
```

You will submit **SalesReader**.java program only.

In each program have the following comments at the top.

```
/*
 * BİL141 Spring 2016
 * HW#
 *
 * NameOfTheProgram (ex: GradeCalculator)
 * Explanation (ex: Given a number of grades (0-100),
 * Counts the number of letter grades)
 *
 * @author      FirstnameLastname (Student number)
 * @email  ....@etu.edu.tr
 * @date        yyyy/mm/dd
*/
```