King Saud University		
College of Computer and Information Sciences		
Computer Science Department		
CSC 111:Introduction to Programming with Java	Sheet 1 (Variables and Expressions)	First Quarter 1444

Question 1:

A university offers a locker rental program to provide a convenient location for students to store their belongings. Write a Java program to help Student Affairs at the university to manage their locker rental system. Lockers are located in various floors and may be rented through this system on a quarter basis. In order to rent a locker, you must provide student full name, student ID number, locker location (floor level), the number of quarter a student wish to reserve the locker for, and the rental price per quarter. The program should then display a confirmation message containing the student information and the total rental price for all the quarters (including 15%VAT), as shown in the sample run below.

Assume the following: The student name is Reema Saad, her ID is 4413243, the locker is located in floor G, the number of quarters is 3, and the rental price per quarter is 24.5 SAR.

Note: Define suitable variables and constants as needed.

Sample Run:
```
Student's name: Reema Saad
Student's ID: 4413243
Locker location: G
Number of quarters: 3
Rental price (per quarter): 24.5
-------------------------------------------------------------
The reservation is confirmed and the total price is 84.525 SAR
```

Question 2:

Write a Java program that takes an employee full name, monthly salary, and the current day date. Then, the program should compute the annual salary and how many days are left for the next payroll, assuming an employee is getting paid on 28th of every month. The program should then display a message containing the employee information, the annual salary, and the number of days left for the next payroll, as shown in the sample run below.

Assume the following: The employee name is Reema Saad, her salary is 8125.5 SAR, and the current day date is 10.

Sample Run:
```
Employee's name: Reema Saad
Employee's monthly salary: 8125.5 SAR
Day date :10
You will be getting paid after: 18 days.
Employee's annual salary: 97506.0 SAR
```