Object Oriented Concepts and Programming (CSC 244)

Total Marks: 10
Mode of Submission: Hard copy (ONLY)
Date of Submission: 28th Feb, 2012 (Late submission is not allowed)

Assignment 1

Write a java class "*ResultSheetTest*" (with main entry point) to input a name and following types of marks of a student.

- Marks obtained in Sessional 1, Total Marks of Sessional 1
- Marks obtained in Sessional 2, Total Marks of Sessional 2
- Marks obtained in Final Exam, Total Marks of Final Exam
- Marks obtained in Quizzes , Total Marks of Quizes
- Marks obtained in Assignments, Total Marks of Assignments

Use dialog boxes to get input from the user.

Write another class "*ResultSheet*" to calculate the percentage according to the following criteria.
(Hint: Create five different methods for calculating the percentage).

Sessional-I Exam	10%
Sessional-II Exam	15%
Final Exam	50%
Quizes	15%
Assignments	10%

Based on percentage calculated above, assign the grade to the student according to the following criteria.
(Hint: Create a separate method in "*ResultSheet*" class to calculate the grade).

Grades	Percentage Marks
A	90 and above
B	80-89
C	70-79
D	60-69
F	Less than 60

Display student's name and calculated grade through a dialog box in "*ResultSheetTest*" class.
- Provide output of your program as well.
- Comment your program appropriately.
- Use lower case camel, naming convention.