Project 1: Simple C Program

Handed out Monday, October 14.

Due Wednesday, October 23, Midnight.

Late project is subject to the following late penalties: subtract 20 % each day after the due date (Saturday, Sunday and holidays count as days). Please write project according to the C Coding Standards and Indentation Style as posted in our class website, http://www.cs.umbc.edu/courses/undergraduate/104/fall02/chen/projs/.

Your project will be graded based on the following:

- Correctness: 80%
- Good Structure and Documentation: 20%

Project Description:
We have 4 homeworks, 4 projects, 2 exams, and 1 final exam for our CMSC104 class. We assume all homeworks have equal weight. The same holds for projects and exams. The grades are combined according to the following weights to produce a final total grade for the class. The valid input for each individual homework, project, exam, final, and total grade will be a number in the range 0.0–100.0.

- Homeworks: 10 %
- Projects: 40 %
- Exams: 30 %
- Final: 20 %

Write a C program to compute a student’s final grade for our class. Here are the requirements for your program:

- Prompt user for 4 homework grades.
- Prompt user for 4 project grades.
- Prompt user for 2 exam grades.
- Prompt user for a final grades.
- Output the final total grade.
Here is a sample of comment blocks required for this project:

/********************************************************
** Course: CMSC104 Section 0301
** Project: proj1.c
** Date: 10/14/2002
** Author: Li-Chuan Chen
** SSN: 123-45-67689
** E-mail: lichen@umbc.edu
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** Description:
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** Input:
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** Output:
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** Pseudocode:
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