

PROLOGUE

FOR ALL ASSIGNMENTS

- Attach a *prologue* for all assignments.
- Use sample *prologue* sheet in the course material, customize it for every assignment.
- *Prologue* makes it easy to separate assignments for grading purpose.

EXERCISE 4

AFTER CHAPTER – 10

PROBLEM

Read the student scores for 4 to 6 students from different exams as input from a input file, the scores are as follows:

91, 92, 85, 58, 87, 75, 89, 97, 79, 65, 88, 72, 81, 94, 90, 61, 72, 75, 68, 77, 75, 49, 87, 79, 65, 64, 62, 51, 44, 70, 81, 72, 85, 78, 77, 75, 79, 87, 69, 55, 88, 62, 71, 74, 80, 71, 62, 85, 68, 87, 75, 89, 97, 79, 65, 48, 72, 61, 64, 90

Call functions to find the average, minimum, and maximum score for each student. Call a function to assign the student number using a static variable for the student number which will automatically increment whenever the function is called. Show the student number along with the statics for the scores. Find the average, minimum, and maximum for all students. Print all scores for each student. Write all the output to a file. Assign a letter grade for each score and print.

Grading Policy: A+ : > 95, A: 95,

A- : >=90, B+ : > 85, B: 85, B-: >=80,

C+: >75, C: 85, C-: >=70, D: >=60,

F: <60

DELIVERABLES

Write the prolog and fill up all information for this exercise as given in the sample. Submit the source code, input and the output. The program is expected to be well commented. Place your program as soft copy on assigned shared drive for students of this course.

DUE DATES

Assignments are due on the following week after completing the chapter discussion.