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, 5 or 6 students from different exams as input from standard input by prompting the user or from 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 to next whenever the function is called. Show the student number along with the statics for the scores. Assign a letter grade for each score and print. Find the average, minimum, and maximum each student as well as for all students combined.

Grading Policy: **A+ : > 95, A: 95, A- : >=90, B+ : > 85, B: 85, B-: >=80, C+: >75, C: 75, 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. You will submit statistics for each student as well as combined statistics for all students.

DUE DATES

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