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 5

AFTER CHAPTER – 10

PROBLEM

There is an integer 25, a float 3.142, a double 1.73217, a string "Hello, C Programmer", and a char 'x'.

All the above have their pointers and pointers are assigned the addresses of respective variables.

There is a special pointer which is a pointer to the integer pointer.

You can initialize all the variables and pointers at compile time. Print the value of the variables, their addresses and the address of the pointers. Dereference the pointers and print the values at respective pointers. Dereference the pointer to integer pointer and print the value and the int value.

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.