SAMPLE PROLOGUE

PROLOGUE SAMPLE

```
/*****************************************************/
/****************        prologue        ***************/
/*                                                   */
/*    University of California Extension, Santa Cruz */
/*                                                   */
/*           Advanced C Programming                  */
/*                                                   */
/*    Instructor: Rajainder A. Yeldandi              */
/*                                                   */
/*    Author: Student Name                           */
/*                                                   */
/*    Assignment Number: n                           */
/*                                                   */
/*                                                   */
/*    Topic: Chapter or topic name (like: Binary Trees) */
/*                                                   */
/*    file name: name of the file                    */
/*                                                   */
/*    Date: Date of the program                      */
/*                                                   */
/*    Objective:  Write the purpose of the program.  */
/*                                                   */
/*    Comments: Write your comments or questions in red */
/*****************************************************/
```

```
/**********************************************/
/*    PROGRAM ELEMENTS:                        */
/*          preprocessor directives            */
/*                                             */
/*                                             */
/*          function prototypes                */
/*                                             */
/*                                             */
/*          Global definitions                 */
/*                                             */
/*                                             */
/*          comments above the functions       */
/*                                             */
/*                                             */
/*                                             */
/*          comments above each                */
/*          major block of code                */
/*                                             */
/*                                             */
/*                                             */
/*                                             */
/**********************************************/
```

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 1

AFTER CHAPTER - 1 AND CHAPTER - 2

TEMPERATURE CONVERSION *

PROBLEM:

Convert the following temperatures using the formula given below inputting one value at a time and printing the result.

Input: **152 deg. F, 99 deg. C**

Formulae:

From C to F ==> F = (C temp * 9 / 5) + 32

From F to C ==> C = (F temp - 32) * 5 / 9

Take 100C above:	**Take 104F:**
F = (100 * 9/5) + 32	**C = (104 - 32) * 5/ 9**
F = 180 + 32	**C = (72 * 5 /9)**
F = 212	**C = 40**

Use the sample format of the Prolog sheet and fill in the information for the exercise.

Prompt the user through a menu to selection one of the conversion and receive the value for conversion. Print the original and converted temperature degrees for both conversions.

DELIVERABLES:

Write the prolog and fill up all information for this exercise as given in the sample as part of 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. Submit screen shot if you have not learned files.

DUE DATES:

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