### Northeastern University

**ETC 1103 – C++ Application Development**

***Homework 2***

1. Write a program that uses a structure named MovieData to store the following information about a movie:

Title

Director

Year Released

Running Timer (in minutes)

The program should create two MovieData variables, store value in their members and pass each one, in turn to a function that displays the information about the movie in a clearly formatted manner.

1. Write a program that uses a structure to store the following weather data for a particular month:

Total Rainfall

High Temperature

Low Temperature

Average Temperature

The Average Temperature should be calculated.

The program should have an array of 12 structures to hold weather data for an entire year. When the program runs, it should ask the user to enter data for each month. Once the data are entered for all the months, the program should calculate and display:

* Average monthly rainfall
* Total rainfall for the year
* The highest and lowest temperatures for the year, and
* The Average of all the monthly average temperatures

Make sure the temperatures are within the range between -100 anfd +140 degrees Fahrenheit.