

## POSTLAB #3 - CSE 1310

### Objectives:

The purpose of this POSTLAB is to help you:

- Continue practice-solving problems in a systematic way,
- Practice analysis and design of algorithms through pseudo code and formalized notation (flowcharts),
- Verify the algorithm correctness through testing.

1. Construct flowchart and pseudocode for the following problem:

Calculate pay for part-time employee. The regular hourly pay rate is \$8. Employees would get time-and-a-half pay (1.5 times the regular hourly pay rate) for the first 5 hours over 40; and double-time pay for all hours over 45.

2. Construct flowchart and pseudocode for the following problem:

A program prompts the user on the screen to enter a number below 100. If the number is indeed below 100, then display a count on the screen, from 1 to the number entered by the user. For example, if the user enters 12, then the screen will display 1 2 3 4 ... 10 11 12.

### Reference:

Use links under “Program Design” section of your lab website.

<http://omega.uta.edu/~menasina/Links.htm>