

## CISP 300 Week 5 Assignment 5

### 279#3 Budget Analysis

Design and code a program that asks the user to enter the amount that he or she has budgeted for a month. A loop should then prompt the user to enter each of his or her expenses for the month, and keep a running total. When the loop finishes, the program should display the amount that the user is over or under budget

### 349#4 Speeding Violation Calculator

Design and code a program that calculates and displays the number of miles per hour over the speed limit that a speeding driver was doing. The program should ask for the speed limit and the driver's speed. Validate the input as follows:

The speed limit should be at least 20, but not greater than 70.

The driver's speed should be at least the value entered for the speed limit -(otherwise the driver was not speeding). If driver's speed wasn't over the limit, say so and ask for new values.

**Assignment Graded:** \_\_\_\_\_

**Flowcharts are mandatory. If you do not complete the flowchart, you will get 0 points for the assignment.**

#### Rubric:

Flowchart-----	8
Program follows flowchart-----	6
Header comments-----	2
Internal comments-----	2
Meaningful variable names-----	2
Correct output, uses loops	8
Labels with output-----	2
TOTAL-----	30