

## Lab Assignment 1: File I/O + formatted output

### Lab Assignment:

#### Problem 6 from Text Book.

Write a program that calculates and prints the monthly paycheck for an employee. The net pay is calculated after taking the following deductions:

Federal Income Tax: 15%  
State Tax: 3.5%  
Social Security Tax: 5.75%  
Medicare/Medicaid Tax: 2.75%  
Pension Plan: 5%  
Health Insurance: \$75.00

Your program should prompt the user to input the gross amount and the employee name. The output will be stored in a file. Format your output to have two decimal places. A sample output follows:

Bill Robinson  
Gross Amount: ..... \$3575.00  
Federal Tax: ..... \$ 536.25  
State Tax: ..... \$ 125.13

Social Security Tax: ..... \$ 205.56  
Medicare/Medicaid Tax: ... \$ 98.31  
Pension Plan: ..... \$ 178.75  
Health Insurance: ..... \$ 75.00  
Net Pay: ..... \$2356.00

Note that the first column is left-justified, and the right column is right-justified.

**Note:** Your program should be able to handle the input failure while inputting the 'gross amount' (a double variable) from the user.