CPS 171 Machine Problem 1 - Winter 2015

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Due Date: Wednesday Jan 21st, 2015 -- BEGINNING OF CLASS

Write a program that calculates and prints the monthly paycheck for an employee. The net pay is calculated after taking the following deductions (which are all a percentage of the gross pay):

Federal Income Tax : 15%

State Tax: 3.5%

Social Security Tax: 5.75%

Medicare/Medicaid Tax: 2.75%

Pension Plan: 5%

and

Health Insurance is a flat amount of $75.00.

The program must read the gross pay and the employee name. All monetary values must be printed with 2 decimal places. The output should match the following format exactly (with your name of course).

```
Paycheck calculation by (your name)

Jason Matthews
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 the use of the '.' as a fill character and the fact that the first column is left justified and the right column is right justified. For formatting, you may assume that the gross pay will never be more than $9999.99.

Use the following line as your input to your program
3575Jason Matthews

Be sure that your program is well documented and written in good style.
You must turn in a hard copy of your program, and screen shot of the output.