CIS103   Payroll Program

Logic

Data collected from screen:

Name, rate of pay, hours worked

Calculated Gross Pay, Net pay, FIT, SIT (FIT – Federal income tax, SIT – State income tax)

Gross pay = Hours times rate of pay
FIT = Gross pay times 12%
SIT = Gross Pay times   4.95%
Net Pay = Gross pay – SIT - FIT

Process: Test Hours

If hours are over 40,

Then: Calculate overtime

hours over 40 are calculated at time in the half of rate of pay

Time in the half is: 1.5

Hours – 40 = OT hours

Example: Hours: 45, Rate of pay: $10.00
Overtime hours: 5
Gross pay = $475.00

Display the collected data as follows:

Name: AAAAAAAAA   AAAAAAAAAAA   (First Last)
Rate of Pay: 99.99
Hours Worked: 99.99   Overtime Hours: 99.99
Gross Pay: 9999.99
FIT: 999.99
SIT: 999.99
Net Pay: 999.99