

Error Handling

Data collected from screen:

Name, rate of pay, hours worked

Issue and error message

if either the rate or hours cannot be converted to a decimal number

(hint: try / except)

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: 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: AAAAAAAAAA AAAAAAAAAA (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