Ashlyn Cooper
CPSC 1011-100 and CPSC 1010-002
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Lab 03 – Part 2
Collaboration: Erin Litzler, Lecture CPSC 1010-002

Header standard library

Main

    Declare Hours per Week
    Declare Gross Pay as double
    Declare net pay as double
    Declare deductions as double
    Declare Federal Tax as double
    Declare State Tax as double
    Declare FICA as double
    Declare Medicare as double

    Set Weeks per year
    Set pay rate to $7.25 as double
    Set federal tax rate to .10 as double
    Set state tax rate to .014 as double
    Set FICA rate to .062 as double
    Set Medicare rate to .015 as double

    Print on screen "Enter the number of hours worked per week"
    Read user input of Hours per week and assign to hours per week

    Set Gross Pay to Hours per Week times Pay Rate times Weeks per Year

    Set federal tax to gross pay times federal tax rate
    Set state tax to gross pay times state tax rate
    Set FICA to gross pay times FICA rate
    Set Medicare to gross pay times Medicare Rate

    Set deductions to federal tax + state tax + FICA + Medicare

    Set Net Pay to gross pay – deductions

    // and value refers to calculated value for specified variable

    Print on screen "Hours per Week: and value" , end with a new line
    Print on screen "Hourly Rate: and value" end with a new line

Print on screen "Gross Pay: and value" end with a new line

Print on screen "Net Pay: and value" end with a new line
Print on Screen a new line
Print on screen "Deductions" , end with a new line
Print on screen "Federal: and value" end with a new line
Print on screen "State: and value" end with a new line
Print on screen "FICA: and value" end with a new line
Print on screen "Medicare: and value" end with a new line

Return statement