COM 120 - Project 1

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| --- | --- | --- |
| Input | Process | Output |
| Total hours worked  Hourly Wage | Calculate overtime if any  Add overtime to regular pay | Display gross pay |

Pseudocode:

PROMPT “Please enter the amount of hours worked.”

GET dHours

PROMPT “Please enter your hourly wage.”

Get dWage

IF (dHours > 40) THEN

SET dOvertime = dHours – 40

SET dHours = 40

ELSE

SET dOvertime = 0

ENDIF

CALCULATE Gross\_Pay

SET dGross = dHours \* dWage

SET dGross += (dOvertime \* (dWage \* 1.5))

END

DISPLAY “Your weekly gross pay is: “ + dGross

Desk Check

|  |  |  |
| --- | --- | --- |
| Input | Expected | Actual |
| 40  15.50 | 620 | 620 |
| 50  12.00 | 660 | 660 |
| 20  35.50 | 710 | 710 |
| Invalid  Data | Error | Error |