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IT-140

19 November 2023

3-3 Assignment: Introduction to Pseudocode and Flowcharts

Start

   // Input

   Read hours_worked

   // Processing

   IF hours_worked <= 40 THEN

      regular_pay = hours_worked * 20

      overtime_pay = 0

   ELSE

      regular_pay = 40 * 20

      overtime_hours = hours_worked - 40

      overtime_pay = overtime_hours * 30

   total_pay = regular_pay + overtime_pay

   // Output

   Display "Total Weekly Pay:", total_pay

End

START

Input: hours_worked

Process: Calculate regular

Decision: hours_worked > 40?

True

False

Calculate: regular_pay = hours_worked * 20

Calculate: regular_pay = 40 * 20

Calculate: overtime_pay = 0

Calculate: overtime_hours = hours_worked - 40

Calculate: total_pay =regular_pay +overtime_pay

Calculate: overtime_pay = overtime_hours * 30

Output: Display "Total
Weekly Pay:", total_pay

Calculate: total_pay =
regular_pay + overtime_pay

End

Output: Display "Total
Weekly Pay:", total_pay

End