

3-3 Assignment: Introduction to Pseudocode and Flowcharts

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Problem:

A company wants a program that will calculate the weekly paycheck for an employee based on how many hours they worked. For this company, an employee earns \$20 an hour for the first 40 hours that they work. The employee earns overtime, \$30 an hour, for each hour they work **above** 40 hours.

Pseudocode:

Input: number of hours worked

Find out weekly pay, overtime pay, overtime hours

IF

Number of hours worked = 40

Weekly pay = number of hours worked * 20

ELSE:

Overtime hours = number of hours worked – 40

Overtime pay = overtime hours * 30

Weekly pay = (40 * 20) + overtime pay

Print weekly pay

Flowchart: