



CPT 167—Intro to Programming Logic

Midterm Project

PROGRAM DESCRIPTION

At ACME Hammers, Inc., salesmen are paid a commission based on two different factors: whether they are full or part-time, and of course on how much they sell. Part-time salesmen are paid a simple commission on all amounts sold; however, full time salesmen earn a commission that varies based on the amount of sales.

SPECIFIC DIRECTIONS

Write a program that prompts a salesman to enter his/her status and total sales. Compute/display the following: their status; total sales; commission rate applied; the commission (\$) earned (the appropriate rate times the sales); and the value of total sales minus commission (basically the company's profit from their work).

The following table details the commission rate paid based on status and total sales:

<u>STATUS*</u>	<u>TOTAL SALES (\$)</u>	<u>RATE (%)</u>
P	Any amount	3.5
F	Below 10,000.00	5
F	10,000.00 & above	7.5

(*P: part-time; F: full-time)

(Note: if you don't sense the need for a loop in this program, your senses are correct: a loop is not required. You will be looping in the final exam, though☺)

TURN IN

Your data dictionary, a complete flowchart, and the zipped project directory. Submit your exam files using the Midterm Project dropbox.

Important: this is an exam. You are not to discuss any aspect of this exam with anyone, either a fellow student or anyone else.