

Program 285b

(Product Line Commission)

Program Description: In one business the commission paid to each salesperson is based on the product line sold and the total amount of the sales. Assume that the product line is indicated by a code that can be 5, 8 or 17. If the code is 5 or 8, the commission rate is 7 1/2% for the first \$5000 of sales and 8 1/2% for sales over \$5000. However, if the product line code is 17, then the commission rate is 9 1/2% for the first \$3500 of sales and 12% for sales over \$3500. Invalid codes should be checked.

Write a program to determine the commission for each sales person. Input is the salesperson's number, product line code, and total sales. Output should be the salesperson's number, total sales, and commission with appropriate headings.

Salesperson's Number	Product-Line Code	Total Sales
101	17	\$ 2250
103	5	4000
117	8	7350
125	5	6500
138	17	6375
192	8	8125
203	8	3250
218	5	5000
235	5	5250
264	17	4150
291	17	750



Statements Required: Input, output, decision making, loop control,

Data Location: prog285b.dat

Sample Output:

Number	Code	Sales	Commission
101	17	2250	213.75
103	5	4000	300.00
117	3	7350	Bad Code
118	8	7350	574.75
125	5	6500	502.50
138	17	6375	677.50
192	8	8125	640.625
203	8	3250	243.75
218	5	5000	375.00
235	5	5250	396.25
264	17	4150	410.50
291	17	750	71.25