

(5 pts) b) Describe the test data cards that would be needed in order to debug this program.

(15 pts) 24. Consider the following sales cards:

<u>Card columns</u>	<u>Description</u>
1-6	Data (month-day-year)
7-11	Customer number (1800 active customers)
12-13	Number of the office that made the sale (there are 42 offices)
14-16	Number identifying the salesman who made the sale (there are 137 salesmen)
17-21	Item number (5000 items)
22-41	Description of the item.
42-45	Quantity sold
46-51	Dollar amount of the sale (XXXX,XX)

We wish to produce the following reports summarizing dollar sales from these cards.

Sales by Salesman
Sales by Customer

Prepare a system flow chart to produce these reports using sorting to organize the data. Be sure to use standard symbols and conventions in the flow charts in this question. You may assume that the sales cards have been punched and are available in off-line storage.