(15 pts)  6.  Consider the following sales cards:

| Card Columns | Description |
|---|---|
| 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) |
| 42-45 | Quantity sold |
| 46-51 | Dollar amount of 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.