Sunshine Books is a bookstore that’s open every morning from 8:00am to 12:00pm. The manager wants information about the number of customers in the store at different times. A clerk, whose station is near the door, counts customers by marking a mark on a piece of paper each time a customer enters. The paper is divided into four segments, one for each hour, and the clerk notes the time before marking each mark. When the store closes at noon, the clerk wants to enter the numbers into a program, which then displays the total number of customers for the day and the average number of customers per hour.

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| Inputs | Outputs | Process |
| cnts1  cnts2  cnts3  cnts4 | totCust  avgCust | NUM-HOURS=4  Display “Enter num of cust for first hour?”  Input cnts1  Display “Enter num of cust for second hour?”  cnts2  Display “Enter num of cust for third hour?”  cnts3  Display “Enter num of cust for fourth hour?”  cnts4  totCust=cnst1+cnst2+cnst3+cnst4  avgCust=totCust/NUM-HOURS  Display ”Total number of customers”+totCust  Display ”Average number of cust”+avgCust |