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1 *****;
2 * LESSON 2, PRACTICE 4 *;
3 * a) Complete the PROC SORT step to sort the *;
4 * PG2.NP_YEARLYTRAFFIC table by ParkType and ParkName.*;
5 * b) Modify the DATA step as follows: *;
6 * 1) Read the sorted table created in PROC SORT. *;
7 * 2) Add a BY statement to group the data by ParkType.*;
8 * 3) Create a column, TypeCount, that is the running *;
9 * total of Count within each ParkType. *;
10 * 4) Format TypeCount so values are displayed with *;
11 * commas. *;
12 * 5) Keep only the ParkType and TypeCount columns. *;
13 * c) Run the program and confirm TypeCount is reset at *;
14 * the beginning of each ParkType group. *;
15 * d) Modify the program to write only the last row for *;
16 * each ParkType to the output table. *;
17 *****;
18
19 .....
20 proc sort data=pg2.np_yearlyTraffic
21 out=sortedTraffic(keep=ParkType ParkName
22 Location Count);
23 *Insert BY statement;
24 by ParkType ParkName;
25 run;
26
27 .....
28 data TypeTraffic;
29 set work.sortedTraffic;
30 by ParkType;
31 if first.ParkType=1 then TypeCount=0;
32 TypeCount+Count;
33 if last.ParkType=1;
34 format typeCount comma12.;
35 keep ParkType TypeCount;
36
37 run;
38
39 .....
40 /* LLevel -2 */
41 proc sort data=sashelp.shoes out=sort_shoes;
42 by Region Product;
43 run;
44
45 .....
46 data profitsummary;
47 set sort_shoes;
48 by Region Product;
49 Profit=Sales>Returns;
50 if first.Product then TotalProfit=0;
51 TotalProfit+Profit;
52 if last.Product=1;
53 keep Region Product TotalProfit;
54 format TotalProfit dollar12.;
55
```

