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1 *****;
2 * LESSON 1, PRACTICE 2 *;
3 * a) Examine the program and answer the following *;
4 * questions. *;
5 * 1) Which statements are compile-time only? *;
6 * 2) What will be assigned for the length of Size? *;
7 * b) Run the program and examine the results. *;
8 * c) Modify the program to resolve the truncation of *;
9 * Size. Read the first 5 rows from the input table. *;
10 * d) Add PUTLOG statements to provide the following *;
11 * information in the log: *;
12 * 1) Immediately after the SET statement, write START *;
13 * DATA STEP ITERATION to the log as a color-coded *;
14 * note. *;
15 * 2) After the Type= assignment statement, write the *;
16 * value of Type to the log. *;
17 * 3) At the end of the DATA step, write the contents *;
18 * of the PDV to the log. *;
19 * e) Run the program and read the log to examine the *;
20 * messages written during execution. *;
21 *****;
22
23 .....
24 data np_parks;
25     set pg2.np_final;
26     keep Region ParkName AvgMonthlyVisitors Acres Size;
27     where Type="PARK";
28     format AvgMonthlyVisitors Acres comma10.;
29     Type=propcase(Type);
30     AvgMonthlyVisitors=sum(DayVisits,Campers,OtherLodging)/12;
31     if Acres<1000 then Size="Small";
32     else if Acres<100000 then Size="Medium";
33     else Size="Large";
34 run;

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