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1 *****;
2 * LESSON 1, PRACTICE 1 *;
3 * a) In Enterprise Guide, use the Servers list to expand *;
4 * Servers => Local => Libraries => PG2. Double-click *;
5 * NP_FINAL to open the table. The table includes one *;
6 * row per US national park. Note that the first row *;
7 * in the table is Cape Krusenstern National Monument. *;
8 * b) Become familiar with the following columns in the *;
9 * NP_FINAL table: *;
10 * 1) Region (Alaska, Intermountain, Midwest, National *;
11 * Capital, Northeast, Pacific West and Southeast) *;
12 * 2) Type (Monument, Park, Preserve, River, Seashore) *;
13 * 3) ParkName (full name of national park) *;
14 * 4) DayVisits (number of daily visitors in 2017) *;
15 * 5) Campers (number of campers in 2017) *;
16 * 6) OtherLodging (number of people in other lodging, *;
17 * including cabins and hotels, in 2017) *;
18 * 7) Acres (total park size in acres) *;
19 * c) Click the (Toggle DATA Step Debugger) button to *;
20 * enable debugging in the program. Click on the *;
21 * Debugger icon next to the DATA statement. The DATA *;
22 * Step Debugger window will open. *;
23 * d) How many variables are in the PDV? What are the *;
24 * initial values? *;
25 * e) Click to execute the highlighted SET statement. *;
26 * Recall the first row of the NP_FINAL table is Cape *;
27 * Krusenstern National Monument. Why was the first *;
28 * row not read into the PDV in the first iteration *;
29 * of the DATA step? *;
30 * f) Click to step through the remaining statements in *;
31 * the DATA step. Which statements are executable? *;
32 * Which statements are compile-time only? *;
33 * g) Exit the debugger and run the program to view the *;
34 * output table. *;
35 *****;
36
37
38 data np_parks;
39     set pg2.np_final;
40     where Type="PARK";
41     Type=propcase(Type);
42     AvgMonthlyVisitors=sum(DayVisits,Campers,OtherLodging)/12;
43     format AvgMonthlyVisitors Acres comma10.;
44     keep Region ParkName AvgMonthlyVisitors Acres;
45 run;

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