```
1  ************************************************************;
2  *  LESSON 7, PRACTICE 1                                    *;
3  *  a) Highlight the PROC PRINT step and run the selected   *;
4  *     code. Note that the Tent, RV, and Backcountry        *;
5  *     columns contain visitor counts.                      *;
6  *  b) To convert this wide table to a narrow table, the    *;
7  *     DATA step must create a new column named CampType    *;
8  *     with the values Tent, RV, and Backcountry, and       *;
9  *     another new column named CampCount with the numeric  *;
10 *     counts. The DATA step includes statements to output  *;
11 *     a row for CampType='Tent'. Modify the DATA step to   *;
12 *     output additional rows for RV and Backcountry.       *;
13 *  c) Add a LENGTH statement to ensure that the values of  *;
14 *     the CampType column are not truncated.               *;
15 *  d) Run the DATA step. Confirm that each ParkName value  *;
16 *     has three rows corresponding to the Tent, RV, and    *;
17 *     Backcountry visitor counts.                          *;
18 ************************************************************;
19
20 proc print data=pg2.np_2017camping(obs=10);
21 run;
22
23 data work.camping_narrow(drop=Tent RV Backcountry);
24     length CampType $11;
25     set pg2.np_2017Camping;
26     format CampCount comma12.;
27     CampType='Tent';
28     CampCount=Tent;
29     output;
30     *Add statements to output rows for RV and Backcountry;
31     CampType='RV';
32     CampCount=RV;
33     output;
34     CampType='Backcountry';
35     CampCount=Backcountry;
36     output;
37 run;
38
39 data work.camping_wide;
40     set pg2.np_2016Camping;
41     by ParkName;
42     keep ParkName Tent RV Backcountry;
43     format Tent RV Backcountry comma12.;
44     retain ParkName Tent RV Backcountry;
45     if CampType='Tent' then Tent=CampCount;
46     else if CampType='RV' then RV=CampCount;
47     else if CampType='Backcountry' then Backcountry=CampCount;
48     if last.ParkName;
49 run;
```