```sas
1  **************************************************************;
2  *   LESSON 4, PRACTICE 1                                    *;
3  *   a) Highlight the PROC FREQ step and run the selected    *;
4  *      code. Review the output. Notice that regional codes  *;
5  *      are used, not descriptive values.                    *;
6  *   b) Add a VALUE statement to the PROC FORMAT step to     *;
7  *      create a format named $HIGHREG that defines the      *;
8  *      descriptive values shown below.                      *;
9  *      IM => Intermountain                                  *;
10 *      PW => Pacific West                                   *;
11 *      SE => Southeast                                      *;
12 *      other codes => All Other Regions                     *;
13 *   c) Add a FORMAT statement to the PROC FREQ step so      *;
14 *      that the $HIGHREG format is applied to the Reg       *;
15 *      column.                                              *;
16 *   d) Run the program and review the output. Verify that   *;
17 *      the descriptive values for the Reg column are        *;
18 *      displayed.                                           *;
19 **************************************************************;
20
21
22 proc format;
23     value $highreg 'IM'='Intermountain'
24                    'PW'='Pacific West'
25                    'SE'='Southeast'
26                    other='All Other Regions';
27
28 run;
29
30 title 'High Frequency Regions';
31 proc freq data=pg2.np_summary order=freq;
32     tables Reg;
33     label Reg='Region';
34     format Reg $highreg.;
35 run;
36 title;
```