```
1  ***************************************************************;
2  *   LESSON 6, PRACTICE 1                                     *;
3  *   a) Add an iterative DO loop around the sum statement     *;
4  *      for Invest.                                           *;
5  *      1) Add a DO statement that creates the column Year    *;
6  *         with values ranging from 1 to 6.                   *;
7  *      2) Add an OUTPUT statement to show the value of the   *;
8  *         retirement account for each year.                  *;
9  *      3) Add an END statement.                              *;
10 *   b) Run the program and review the results.               *;
11 *   c) Add an inner iterative DO loop between the sum        *;
12 *      statement and the OUTPUT statement to include the     *;
13 *      accrued quarterly compounded interest based on an     *;
14 *      annual interest rate of 7.5%.                         *;
15 *      1) Add a DO statement that creates the column         *;
16 *         Quarter with values ranging from 1 to 4.           *;
17 *      2) Add a sum statement to add the accrued interest    *;
18 *         to the Invest value.                               *;
19 *            Invest+(Invest*(.075/4));                       *;
20 *      3) Add an END statement.                              *;
21 *   d) Run the program and review the results.               *;
22 *   e) Drop the Quarter column. Run the program and review   *;
23 *      the results.                                          *;
24 ***************************************************************;
25
26
27 data retirement;
28     do Year =1 to 6;
29         Invest+10000;
30         do Quarter =1 to 4;
31             Invest+(Invest*(.075/4));
32         end;
33         output;
34     end;
35     drop Quarter;
36 run;
37
38 title1 'Retirement Account Balance per Year';
39 proc print data=retirement noobs;
40     format Invest dollar12.2;
41 run;
42 title;
```