```
 1  *************************************************************;
 2  *   Activity 3.08                                        *;
 3  *   1) Notice that the assignment statement for          *;
 4  *      CategoryLoc uses the FIND function to search for   *;
 5  *      category within each value of the Summary column.  *;
 6  *      Run the program.                                  *;
 7  *   2) Examine the PROC PRINT report. Why is CategoryLoc  *;
 8  *      equal to 0 in row 1? Why is CategoryLoc equal to 0 *;
 9  *      in row 15?                                         *;
10  *   3) Modify the FIND function to make the search case   *;
11  *      insensitive. Uncomment the IF-THEN statement to    *;
12  *      create a new column named Category. Run the program *;
13  *      and examine the results.                          *;
14  *************************************************************;
15  *   Syntax Help                                          *;
16  *      FIND(string, substring <, 'modifiers'>)           *;
17  *          Modifiers:                                    *;
18  *              'I'=case insensitive search               *;
19  *              'T'=trim leading and training blanks from  *;
20  *                  string and substring                 *;
21  *************************************************************;
22
23
24  data storm_damage2;
25      set pg2.storm_damage;
26      drop Date Cost Deaths;
27      CategoryLoc=find(Summary, 'category','i');
28      if CategoryLoc > 0 then Category=substr(Summary,CategoryLoc, 10);
29  run;
30
31  proc print data=storm_damage2;
32      var Summary Cat:;
33  run;
```