

```
1 *****;
2 * LESSON 3, PRACTICE 2 *;
3 * a) Run the program and notice that each row includes a *;
4 * datetime value and rain amount. The *;
5 * MonthlyRainTotal column represents a cumulative *;
6 * total of Rain for each value of Month. *;
7 * b) Uncomment the subsetting IF statement to continue *;
8 * processing a row only if it is the last row within *;
9 * each month. After the subsetting IF statement, *;
10 * create the following new columns: *;
11 * 1) Date - the date portion of the DateTime column *;
12 * 2) MonthEnd - the last day of the month *;
13 * c) Format Date and MonthEnd as a date value and keep *;
14 * only the StationName, MonthlyRainTotal, Date, and *;
15 * MonthEnd columns. *;
16 *****;
17
18 .....
19 data rainsummary;
20     set pg2.np_hourlyrain;
21     by Month;
22     if first.Month=1 then MonthlyRainTotal=0;
23     MonthlyRainTotal+Rain;
24     if last.Month=1;
25     Date=datepart(DateTime);
26     MonthEnd=intnx('month',Date,0,'end');
27     format Date MonthEnd date9.;
28     keep StationName MonthlyRainTotal Date MonthEnd;
29 run;
30
31
32
33
```