```sas
1  ***************************************************************;
2  *   Activity 2.04                                           *;
3  *   1) Change the WHERE statement to a subsetting IF        *;
4  *      statement and submit the program. How many rows are  *;
5  *      included in the output table?                        *;
6  *   2) Move the subsetting IF statement just before the     *;
7  *      RUN statement and submit the program. How many rows  *;
8  *      are included in the output table?                    *;
9  *   3) Consider the sequence of the statements in the       *;
10 *      execution phase. Where is the optimal placement of   *;
11 *      the subsetting IF statement?                         *;
12 ***************************************************************;
13 proc sort data=pg2.storm_2017 out=storm2017_sort;
14     by Basin MaxWindMPH;
15 run;
16
17 data storm2017_max;
18     set storm2017_sort;
19     by Basin;
20     if last.Basin=1;
21     StormLength=EndDate-StartDate;
22     MaxWindKM=MaxWindMPH*1.60934;
23
24 run;
25
```