

```
1 *****;
2 * Activity 4.01 *;
3 * 1) Add a FORMAT statement in the DATA step to format *;
4 * the following values: *;
5 * Date => 3-letter month and 4-digit year (MONYY7.) *;
6 * Volume => Add commas (COMMA12.) *;
7 * CloseOpenDiff, HighLowDiff => *;
8 * Add dollar signs and include 2 decimal *;
9 * places (DOLLAR8.2) *;
10 * 2) Run the program and verify the formatted values in *;
11 * the PROC PRINT output. *;
12 * 3) Add a FORMAT statement in the PROC MEANS step to *;
13 * format the values of Date to show only a four-digit *;
14 * year. Run the PROC MEANS step again. *;
15 * 4) What is the advantage of adding a FORMAT statement *;
16 * to the DATA step versus the PROC step? *;
17 *****;
18
19 .....
20 data work.stocks;
21     set pg2.stocks;
22     CloseOpenDiff=Close-Open;
23     HighLowDiff=High-Low;
24     *add a FORMAT statement;
25     format Date monyy7. Volume comma12. CloseOpenDiff HighLowDiff dollar8.2;
26 run;
27
28 .....
29 proc print data=stocks (obs=5);
30     var Stock Date Volume CloseOpenDiff HighLowDiff;
31 run;
32
33 .....
34 proc means data=stocks maxdec=0 nonobs mean min max;
35     class Stock Date;
36     var Open;
37     *add a FORMAT statement;
38 run;
```