

```
1 *****;
2 * Using Expressions to Create New Columns *;
3 *****;
4 * Syntax and Example *;
5 * *;
6 * DATA output-table; *;
7 * SET input-table; *;
8 * new-column = expression; *;
9 * RUN; *;
10 *****;
11
12 .....
13 data cars_new;
14     set sashelp.cars;
15     where Origin ne "USA";
16     Profit=MSRP-invoice;
17     Source="Non-US Cars";
18     format Profit dollar10.;
19     keep Make Model MSRP Invoice Profit Source;
20 run;
21
22 *****;
23 * Demo *;
24 * 1) Add an assignment statement to create a numeric *;
25 * column named MaxWindKM by multiplying MaxWindMPH *;
26 * by 1.60934. *;
27 * 2) Add a FORMAT statement to round MaxWindKM to the *;
28 * nearest whole number. *;
29 * 3) Add an assignment statement to create a new *;
30 * character column named StormType that is equal to *;
31 * Tropical Storm. Highlight the DATA step and run *;
32 * the selected code. *;
33 *****;
34
35 .....
36 data tropical_storm;
37     set pg1.storm_summary;
38     drop Hem_EW Hem_NS Lat Lon;
39     where Type="TS";
40     *Add assignment and FORMAT statements;
41     MaxWindKM = MaxWindMPH * 1.60934;
42     format MaxWindKM 3.;
43     StormType = "Tropical Storm";
44 run;
```