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1 *****;
2 * Conditional Processing with IF-THEN *;
3 *****;
4 * Syntax and Example *;
5 * *;
6 * IF expression THEN statement; *;
7 *****;
8
9 .....
9 data cars2;
10 set sashelp.cars;
11 if MSRP<30000 then Cost_Group=1;
12 if MSRP>=30000 then Cost_Group=2;
13 keep Make Model Type MSRP Cost_Group;
14 run;
15
16 *****;
17 * Demo *;
18 * 1) Create a column named PressureGroup that is based *;
19 * on the following assignments: *;
20 * MinPressure<=920 => 1 *;
21 * MinPressure>920 => 0 *;
22 * 2) Highlight the DATA step, run the selected code, *;
23 * and examine the data. What value is assigned *;
24 * to PressureGroup when MinPressure is missing? *;
25 * 3) Add a new IF-THEN statement before the existing *;
26 * IF-THEN statements to assign PressureGroup=. if *;
27 * MinPressure is missing. *;
28 * 4) Highlight the DATA step and run the selected *;
29 * code. What value is assigned to PressureGroup? *;
30 *****;
31
32 .....
33 data storm_new;
34 set pg1.storm_summary;
35 keep Season Name Basin MinPressure PressureGroup;
36 *Add IF-THEN statements;
37 if MinPressure =. then PressureGroup=.;
38 if MinPressure <= 920 then PressureGroup =1;
39 if MinPressure > 920 then PressureGroup =0;
40
41 run;
```