

```

1 *****;
2 *   Controlling Row Output                                     *;
3 *****;
4 *   Syntax and Example                                       *;
5 *                                                           *;
6 *       Explicit output                                       *;
7 *           OUTPUT;
8 *;
9 *                                                           *;
10 *       Conditional output to multiple tables                *;
11 *           DATA table1 table2...;
12 *;
13 *           ...
14 *           IF expression then OUTPUT table1;
15 *;
16 *           ELSE expression OUTPUT table2;
17 *;
18 *           ...
19 *****;
20
21 .....
22 data sales_high sales_low;
23     set sashelp.shoes;
24
25     if Sales>100000 then
26         output sales_high;
27     else
28         output sales_low;
29 run;
30
31 *****;
32 *   Demo                                                     *;
33 *   1) Modify the DATA statement to create three tables     *;
34 *       named indian, atlantic, and pacific.                 *;
35 *   2) Modify the IF-THEN/ELSE conditional statements to     *;
36 *       write output to the appropriate table.               *;
37 *   3) Add a DROP statement to remove MaxWindMPH.            *;
38 *       Highlight the DATA step, run the selected code, and *;
39 *       examine the output tables. Notice that MaxWindMPH   *;
40 *       has been dropped from all three tables.               *;
41 *****;
42
43 .....
44 data Indian atlantic pacific;
45     set pg2.storm_summary;
46     length Ocean $ 8;
47     Basin=upcase(Basin);
48     StormLength=EndDate-StartDate;
49     MaxWindKM=MaxWindMPH*1.60934;
50
51     if substr(Basin, 2, 1)="I" then
52         do;

```

```
53         Ocean="Indian";
54         output Indian;
55     end;
56 else if substr(Basin, 2, 1)="A" then
57     do;
58         Ocean="Atlantic";
59         output atlantic;
60     end;
61 else
62     do;
63         Ocean="Pacific";
64         output pacific;
        .
```