

```
*****;  
*   Conditional Processing with IF-THEN/ELSE   *;  
*****;  
*   Syntax and Example                         *;  
*                                               *;  
*   IF expression THEN statement;             *;  
*   ELSE IF expression THEN statement;        *;  
*   ELSE statement;                           *;  
*                                               *;  
*   Setting length for new character columns: *;  
*   LENGTH charvar $ length;                  *;  
*****;
```

```
.....  
data cars2;  
  set sashelp.cars;  
  if MSRP<20000 then Cost_Group=1;  
  else if MSRP<40000 then Cost_Group=2;  
  else if MSRP<60000 then Cost_Group=3;  
  else Cost_Group=4;  
  keep Make Model Type MSRP Cost_Group;  
run;
```

```
.....  
data cars2;  
  set sashelp.cars;  
  length CarType $ 6;  
  if MSRP<60000 then CarType="Basic";  
  else CarType="Luxury";  
  keep Make Model MSRP CarType;  
run;
```