

```
1      OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
72
73      /* Data statement to get data */
74      data employees;
75          input lname $ fname $ age job $ gender $;
76          datalines;
```

NOTE: The data set WORK.EMPLOYEES has 13 observations and 5 variables.

NOTE: DATA statement used (Total process time):

real time	0.00 seconds
cpu time	0.01 seconds

```
90      ;
91
92      /* Custom format for job code */
93      proc format;
94
95          ! value $jobtitle 'SR1'='Sales Rep 1' /* remembering not to use '.' at end */
96            'SR2'='Sales Rep 2'
97            'Man'='Manager'
98            'Sec'='Secretary'
99            'Jan'='Janitor'
100           'Mec'='Mechanic';
```

NOTE: Format \$JOBTITLE is already on the library WORK.FORMATS.

NOTE: Format \$JOBTITLE has been output.

```
100     run;
```

NOTE: PROCEDURE FORMAT used (Total process time):

real time	0.00 seconds
cpu time	0.00 seconds

```
101
102     /* Simple sort by job */
103     proc sort data=employees out=employees_sort;
104     by job;
105     run;
```

NOTE: There were 13 observations read from the data set WORK.EMPLOYEES.

NOTE: The data set WORK.EMPLOYEES_SORT has 13 observations and 5 variables.

NOTE: PROCEDURE SORT used (Total process time):

real time	0.00 seconds
cpu time	0.01 seconds

```
106
107     /* Print statement to apply and see output of custom formats */
108     proc print data=employees_sort label;
109     format job $jobtitle.; /* remembering to use '.' at end */
110     title 'Employees';
111     label lname='Last Name';
112     label fname='First Name';
113     label age='Age';
114     label Job='Job';
115     label Gender='Gender';
116     footnote 'Employee Report';
117     run;
```

NOTE: There were 13 observations read from the data set WORK.EMPLOYEES_SORT.

NOTE: PROCEDURE PRINT used (Total process time):

real time	0.06 seconds
-----------	--------------

cpu time

0.06 seconds

118

119

120 OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;

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