Program Summary - Program 1

Execution Environment

Author:	sasdemo
File:	
SAS Platform:	Linux LIN X64 2.6.32-696.20.1.el6.x86_64
SAS Host:	LOCALHOST
SAS Version:	9.04.01M5P09132017
SAS Locale:	en_US
Submission Time:	10/30/2018, 9:12:58 PM
Browser Host:	10.0.2.2
User Agent:	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/69.0.3497.100 Safari/537.36
Application Server:	LOCALHOST.LOCALDOMAIN

Code: Program 1

```
/*Jonathan Wilson HW 4 */

data employees;
   input lname $ fname $ age job $ gender $;
   datalines;
Smith Al 55 Man M
Jones Ted 38 SR2 M
Hall Kim 22 SR1 M
Jones Kim 19 Sec F
Clark Guy 31 SR1 M
Grant Herbert 51 Jan M
Schmidt Henry 62 Mec M
Allen Joe 45 Man M
Call Steve 43 SR2 M
McCall Mac 26 Sec F
Sue Joe 25 Mec F
Murphy Cori 21 SR1 F
Love Sue 27 SR2 F
;

title1 'My Employees';
footnote1 'My Corp.';

/*User defined format statment*/
proc format;
    /*The format-name needs a <$> becuase we are using chars*/
    value $jobfmt 'SR1'='Sales Rep 1'
                  'SR2'='Sales Rep 2'
                  'Man'='Manager'
                  'Sec'='Secretary'
```

```
                    'Jan'='Janitor'
                    'Mec'='Mechanic';/*formated values*/
run;

/*Sort data by job*/
proc sort data=employees;
    by job;
run;

proc print data=employees label;
    var job;
    label job='Job Title';
    format job $jobfmt.;/*Do not forget the dot at the end*/
run;
```

Log: Program 1

Notes (10)

```
1          OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
72
73         /*Jonathan Wilson HW 4 */
74
75         data employees;
76            input lname $ fname $ age job $ gender $;
77            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            0.00 seconds


91         ;
92
93         title1 'My Employees';
94         footnote1 'My Corp.';
95
96         /*User defined format statment*/
97         proc format;
98         /*The format-name needs a <$> becuase we are using chars*/
99
99       !  value $jobfmt 'SR1'='Sales Rep 1'
100        'SR2'='Sales Rep 2'
101        'Man'='Manager'
102        'Sec'='Secretary'
103        'Jan'='Janitor'
104        'Mec'='Mechanic';
NOTE: Format $JOBFMT is already on the library WORK.FORMATS.
NOTE: Format $JOBFMT has been output.
104      !                      /*formated values*/
105        run;
```

```
NOTE: PROCEDURE FORMAT used (Total process time):
      real time           0.00 seconds
      cpu time            0.00 seconds


106
107        /*Sort data by job*/
108        proc sort data=employees;
109        by job;
110        run;

NOTE: There were 13 observations read from the data set WORK.EMPLOYEES.
NOTE: The data set WORK.EMPLOYEES has 13 observations and 5 variables.
NOTE: PROCEDURE SORT used (Total process time):
      real time           0.01 seconds
      cpu time            0.00 seconds


111
112        proc print data=employees label;
113        var job;
114        label job='Job Title';
115        format job $jobfmt.;/*Do not forget the dot at the end*/
116        run;

NOTE: There were 13 observations read from the data set WORK.EMPLOYEES.
NOTE: PROCEDURE PRINT used (Total process time):
      real time           0.14 seconds
      cpu time            0.14 seconds


116      !
117
118
119        OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
132
```

Results: Program 1

My Employees

Obs	Job Title
1	Janitor
2	Manager
3	Manager
4	Mechanic
5	Mechanic
6	Sales Rep 1
7	Sales Rep 1
8	Sales Rep 1
9	Sales Rep 2
10	Sales Rep 2
11	Sales Rep 2
12	Secretary
13	Secretary

My Corp.