

## **LOG FOR OUTPUTA**

1      OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;

NOTE: ODS statements in the SAS Studio environment may disable some output features.

62

63

/\*\*\*\*\*

64      /\* Program Name: HW09\_1.sas \*/

65      /\* Date Created: October 10 2017 \*/

66      /\* Author: Dilip Lalwani \*/

67      /\* Purpose: Basic SAS and working with libraries \*/

68

69      /\*#4 Assigning library orion to PRG1 folder\*/

70

71      libname orion '/folders/myfolders/PRG1' access=readonly;

NOTE: Libref ORION was successfully assigned as follows:

Engine:      V9

Physical Name: /folders/myfolders/PRG1

72

73      /\*#4 Assigning library sas09 to HW09 folder\*/

74

75      libname sas09 '/folders/myfolders/HW09';

NOTE: Libref SAS09 was successfully assigned as follows:

Engine:      V9

Physical Name: /folders/myfolders/HW09

76

77      data work.donations;

78      set orion.Employee\_donations;

NOTE: Data file ORION.EMPLOYEE\_DONATIONS.DATA is in a format that is native to another host, or the file encoding does not match

the session encoding. Cross Environment Data Access will be used, which might require additional CPU resources and might

reduce performance.

```
79      keep Employee_ID Qtr1 Qtr2 Qtr3 Qtr4;
80      Total=sum(Qtr1,Qtr2,Qtr3,Qtr4);
81      run;
```

NOTE: There were 124 observations read from the data set ORION.EMPLOYEE\_DONATIONS.

NOTE: The data set WORK.DONATIONS has 124 observations and 5 variables.

NOTE: DATA statement used (Total process time):

real time	0.00 seconds
cpu time	0.01 seconds

```
82
83      /*#6 Commenting proc line with single character*/
84      * proc print data=work.donations;
85
86      /*#7 Creating the donations data set in the new library sas09*/
87      data sas09.donations;
88      set orion.Employee_donations;
```

NOTE: Data file ORION.EMPLOYEE\_DONATIONS.DATA is in a format that is native to another host, or the file encoding does not match

the session encoding. Cross Environment Data Access will be used, which might require additional CPU resources and might

reduce performance.

```
89      keep Employee_ID Qtr1 Qtr2 Qtr3 Qtr4;
90      Total=sum(Qtr1,Qtr2,Qtr3,Qtr4);
91      run;
```

NOTE: There were 124 observations read from the data set ORION.EMPLOYEE\_DONATIONS.

NOTE: The data set SAS09.DONATIONS has 124 observations and 5 variables.

NOTE: DATA statement used (Total process time):

real time 0.02 seconds

cpu time 0.01 seconds

92

93 /\*#8 Creating output A file with bookmarks suppressed\*/

94

95 ods pdf file="/folders/myfolders/dilip.k.lalwani\_HW09\_outputA.pdf" bookmarkgen=no;

NOTE: Writing ODS PDF output to DISK destination

"/folders/myfolders/dilip.k.lalwani\_HW09\_outputA.pdf", printer "PDF".

96

97 /\*#9 Display descriptor portion of donations data Set in new library\*/

98 title "Descriptor Portion of Donations Permanent Data Set";

99 proc contents data=sas09.donations;

100 run;

NOTE: PROCEDURE CONTENTS used (Total process time):

real time 0.08 seconds

cpu time 0.08 seconds

101

102 /\*#10 Display all contents and descriptor portion of all data sets in work library\*/

103 title "Descriptor Portion of All Data Sets in Work Library";

104 proc contents data=work.\_ALL\_;

105 run;

NOTE: PROCEDURE CONTENTS used (Total process time):

real time      0.10 seconds

cpu time       0.10 seconds

106

107    /\*#11 Display all contents in orion library\*/

108    title "List of Datasets in Orion Library";

109    proc contents data=orion.\_ALL\_ NODS;

110    run;

NOTE: PROCEDURE CONTENTS used (Total process time):

real time      0.10 seconds

cpu time       0.09 seconds

111

112    /\*#12 Closing pdf output\*/

113    ods pdf close;

NOTE: ODS PDF printed 5 pages to /folders/myfolders/dilip.k.lalwani\_HW09\_outputA.pdf.

114

115    OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;

128

## **LOG FOR OUTPUTB**

1      OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;

NOTE: ODS statements in the SAS Studio environment may disable some output features.

62

63

/\*\*\*\*\*\*  
/

64      /\* Program Name: HW09\_1.sas \*/

65      /\* Date Created: October 10 2017 \*/

66      /\* Author: Dilip Lalwani \*/

67      /\* Purpose: Basic SAS and working with libraries \*/

68

69      /\*#4 Assigning library orion to PRG1 folder\*/

70

71      libname orion '/folders/myfolders/PRG1' access=readonly;

NOTE: Libref ORION was successfully assigned as follows:

Engine:     V9

Physical Name: /folders/myfolders/PRG1

72

73      /\*#4 Assigning library sas09 to HW09 folder\*/

74

75      libname sas09 '/folders/myfolders/HW09';

NOTE: Libref SAS09 was successfully assigned as follows:

Engine:     V9

Physical Name: /folders/myfolders/HW09

76

77      /\* data work.donations; \*/

78      /\* set orion.Employee\_donations; \*/

79      /\* keep Employee\_ID Qtr1 Qtr2 Qtr3 Qtr4; \*/

```

80    /* Total=sum(Qtr1,Qtr2,Qtr3,Qtr4); */
81    /* run; */
82
83    /*#6 Commenting proc line with single character*/
84    * proc print data=work.donations;
85
86    /*#7 Creating the donations data set in the new library sas09*/
87
88    /* data sas09.donations; */
89    /* set orion.Employee_donations; */
90    /* keep Employee_ID Qtr1 Qtr2 Qtr3 Qtr4; */
91    /* Total=sum(Qtr1,Qtr2,Qtr3,Qtr4); */
92    /* run; */
93
94    /*#8 Creating output A file with bookmarks suppressed*/
95
96    /* ods pdf file="/folders/myfolders/dilip.k.lalwani_HW09_outputA.pdf" bookmarkgen=no; */
97
98    ods pdf file="/folders/myfolders/dilip.k.lalwani_HW09_outputB.pdf" style=Ocean
bookmarkgen=no;

NOTE: Writing ODS PDF output to DISK destination
"/folders/myfolders/dilip.k.lalwani_HW09_outputB.pdf", printer "PDF".

99

100   /*#9 Display descriptor portion of donations data Set in new library*/
101   title "Descriptor Portion of Donations Permanent Data Set";
102   proc contents data=sas09.donations;
103   run;

```

NOTE: PROCEDURE CONTENTS used (Total process time):

real time      0.09 seconds  
cpu time       0.09 seconds

104

```
105    /*#10 Display all contents and descriptor portion of all data sets in work library*/  
106    title "Descriptor Portion of All Data Sets in Work Library";  
107    proc contents data=work._ALL_;  
108    run;
```

NOTE: PROCEDURE CONTENTS used (Total process time):

real time      0.04 seconds  
cpu time       0.04 seconds

109

```
110    /*#11 Display all contents in orion library*/  
111    title "List of Datasets in Orion Library";  
112    proc contents data=orion._ALL_ NODS;  
113    run;
```

NOTE: PROCEDURE CONTENTS used (Total process time):

real time      0.10 seconds  
cpu time       0.10 seconds

114

```
115    /*#12 Closing pdf output*/  
116    ods pdf close;
```

NOTE: ODS PDF printed 4 pages to /folders/myfolders/dilip.k.lalwani\_HW09\_outputB.pdf.

117

118      OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;

131

### **COMPARISON EXPLANATION:**

The outputs differ in two aspects:

1. The first one is without style and second one has Ocean style.  
Reason - style is used in second run.
2. Content of Dataset work.donations is not printed in outputB.  
Reason- the donations dataset creation in work library is commented in second run