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NOTE: SAS (r) Proprietary Software 9.4 (TS1M5)
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NOTE: This session is executing on the X64_10PRO platform.

NOTE: Updated analytical products:

SAS/STAT 14.3
SAS/ETS 14.3
SAS/OR 14.3
SAS/IML 14.3
SAS/QC 14.3

NOTE: Additional host information:

X64_10PRO WIN 10.0.17763 Workstation

NOTE: SAS initialization used:

real time 5.58 seconds
cpu time 1.43 seconds

WARNING: One or more libraries specified in the concatenated library
SASHELP

WARNING: do not exist. These libraries were removed from the
concatenation.

```
1
/*****
2  /* Program Name:
*/
3  /* Program Location: C:\Users\dsingh\Dropbox\Stat_604\Homework\HW3
*/
4  /* Date Created:
*/
5  /* Author: Dhruv Singh
*/
6  /* Purpose:
*/
7
8
9  /* Creating library using directory containing orion dataset */
10 libname orion
10 !
'C:\Users\dsingh\Dropbox\Stat_604\CourseMaterials\PRG1_Data_and_Programs'
10 ! access=readonly;
NOTE: Libref ORION was successfully assigned as follows:
      Engine:          V9
      Physical Name:

C:\Users\dsingh\Dropbox\Stat_604\CourseMaterials\PRG1_Data_and_Programs
11 libname donation 'C:\Users\dsingh\Dropbox\Stat_604\Homework\HW3';
NOTE: Libref DONATION was successfully assigned as follows:
      Engine:          V9
      Physical Name: C:\Users\dsingh\Dropbox\Stat_604\Homework\HW3
12
13
14
15 /* Creating temporary dataset using orion employee data, quarterly
donations */
```

```

16  data work.donations;
17      set orion.Employee_donations;
18      keep Employee_ID Qtr1 Qtr2 Qtr3 Qtr4;
19      Total=sum(Qtr1,Qtr2,Qtr3,Qtr4);
20  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	0.08 seconds
cpu time	0.04 seconds

```

21
22  /* Printing quarterly donations */
23  *proc print data=work.donations;
24
25  /* Saving data to permanent library */
26  data donation.donations;
27      set orion.Employee_donations;
28      keep Employee_ID Qtr1 Qtr2 Qtr3 Qtr4;
29      Total=sum(Qtr1,Qtr2,Qtr3,Qtr4);
30  run;

```

NOTE: There were 124 observations read from the data set
ORION.EMPLOYEE_DONATIONS.

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

NOTE: DATA statement used (Total process time):

real time	0.06 seconds
cpu time	0.01 seconds

```

31
32
33  /* Output delivery system - pdf */
34  ods pdf file='DSingh_HW03_outputA.pdf' bookmarkgen=no;
NOTE: Writing ODS PDF output to DISK destination

```

"C:\Users\dsingh\Dropbox\Stat_604\Homework\HW3\DSingh_HW03_outputA.pdf",
printer "PDF".

```

35  title 'Descriptor Portion of Donations Permanent Data Set';
36  proc contents data=donation.donations;
NOTE: Writing HTML Body file: sashtml.htm
37  run;

```

NOTE: PROCEDURE CONTENTS used (Total process time):

real time	1.00 seconds
cpu time	0.40 seconds

```

38
39  title 'Descriptor Portion of All Data Sets in Work Library';
40  proc contents data=work._ALL_;
41  run;

```

NOTE: PROCEDURE CONTENTS used (Total process time):

real time	0.07 seconds
cpu time	0.06 seconds

```
42
43 title 'List of Data Sets in Orion Library';
44 proc contents data=orion._ALL_ nods;
45 run;
```

NOTE: PROCEDURE CONTENTS used (Total process time):

real time	0.06 seconds
cpu time	0.04 seconds

```
46
47 ods pdf close;
NOTE: ODS PDF printed 5 pages to
```

C:\Users\dsingh\Dropbox\Stat_604\Homework\HW3\DSingh_HW03_outputA.pdf.

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NOTE: This session is executing on the X64_10PRO platform.

NOTE: Updated analytical products:

```
SAS/STAT 14.3
SAS/ETS 14.3
SAS/OR 14.3
SAS/IML 14.3
SAS/QC 14.3
```

NOTE: Additional host information:

X64_10PRO WIN 10.0.17763 Workstation

NOTE: SAS initialization used:

real time	4.59 seconds
cpu time	1.62 seconds

WARNING: One or more libraries specified in the concatenated library
SASHELP

WARNING: do not exist. These libraries were removed from the
concatenation.

```
1
/*****
2 /* Program Name:
*/
3 /* Program Location: C:\Users\dsingh\Dropbox\Stat_604\Homework\HW3
*/
4 /* Date Created:
*/
5 /* Author: Dhruv Singh
*/
6 /* Purpose:
*/
```

```

7
8
9  /* Creating library using directory containing orion dataset */
10 libname orion
10 !
'C:\Users\dsingh\Dropbox\Stat_604\CourseMaterials\PRG1_Data_and_Programs'
10 ! access=readonly;
NOTE: Libref ORION was successfully assigned as follows:
      Engine:          V9
      Physical Name:

C:\Users\dsingh\Dropbox\Stat_604\CourseMaterials\PRG1_Data_and_Programs
11 libname donation 'C:\Users\dsingh\Dropbox\Stat_604\Homework\HW3';
NOTE: Libref DONATION was successfully assigned as follows:
      Engine:          V9
      Physical Name: C:\Users\dsingh\Dropbox\Stat_604\Homework\HW3
12
13
14
15  /* Creating temporary dataset using orion employee data, quarterly
donations */
16  /*data work.donations;*/
17  /*  set orion.Employee_donations;*/
18  /*  keep Employee_ID Qtr1 Qtr2 Qtr3 Qtr4;*/
19  /*  Total=sum(Qtr1,Qtr2,Qtr3,Qtr4);*/
20  /*run;*/
21
22  /* Printing quarterly donations */
23  *proc print data=work.donations;
24
25  /* Saving data to permanent library */
26  /*data donation.donations;*/
27  /*  set orion.Employee_donations;*/
28  /*  keep Employee_ID Qtr1 Qtr2 Qtr3 Qtr4;*/
29  /*  Total=sum(Qtr1,Qtr2,Qtr3,Qtr4);*/
30  /*run;*/
31
32
33  /* Output delivery system - pdf */
34  /*ods pdf file='DSingh_HW03_outputA.pdf' bookmarkgen=no;*/
35  /*title 'Descriptor Portion of Donations Permanent Data Set';*/
36  /*proc contents data=donation.donations;*/
37  /*run;*/
38  /**/
39  /*title 'Descriptor Portion of All Data Sets in Work Library';*/
40  /*proc contents data=work._ALL_;*/
41  /*run;*/
42  /**/
43  /*title 'List of Data Sets in Orion Library';*/
44  /*proc contents data=orion._ALL_ nods;*/
45  /*run;*/
46  /*ods pdf close;*/
47
48
49  /* Output delivery system - pdf */
50  ods pdf file='DSingh_HW03_outputB.pdf' style=ocean bookmarkgen=no;
NOTE: Writing ODS PDF output to DISK destination

'C:\Users\dsingh\Dropbox\Stat_604\Homework\HW3\DSingh_HW03_outputB.pdf",
      printer "PDF".

```

```
51 title 'Descriptor Portion of Donations Permanent Data Set';
52 proc contents data=donation.donations;
NOTE: Writing HTML Body file: sashtml.htm
53 run;
```

```
NOTE: PROCEDURE CONTENTS used (Total process time):
      real time          0.85 seconds
      cpu time           0.42 seconds
```

```
54
55 title 'Descriptor Portion of All Data Sets in Work Library';
56 proc contents data=work._ALL_;
57 run;
```

```
NOTE: PROCEDURE CONTENTS used (Total process time):
      real time          0.11 seconds
      cpu time           0.00 seconds
```

```
58
59 title 'List of Data Sets in Orion Library';
60 proc contents data=orion._ALL_ nods;
61 run;
```

```
NOTE: PROCEDURE CONTENTS used (Total process time):
      real time          0.06 seconds
      cpu time           0.04 seconds
```

```
62 ods pdf close;
ERROR: File is in use,
```

C:\Users\dsingh\Dropbox\Stat_604\Homework\HW3\DSingh_HW03_outputB.pdf.

Differences and explanation:

The pdf created using style = ocean suppressed the descriptor portion automatically, when describing all data sets within the work library.

Also, output B did not recognize the donations dataset as part of the work library. This may be due to the style type (ocean) and the contents it displays.