

```

1      OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
NOTE: ODS statements in the SAS Studio environment may disable some output features.
69
70      /*****
71      /*Program Name: KGliszczynski_HW08 */
72      /*Date Created: October 12, 2021 */
73      /*Author: Kat Gliszczynski */
74      /*Purpose: To answer the steps listed in HW Assignment 8 */
75      /*Program Location: /home/u59692926/KGliszczynski_HW08.sas */
76      *****/
77
78      /* Part 1: Housekeeping */
79      TITLE;
80      FOOTNOTE;
81      ODS NOPROCTITLE;
82
83      /* Part 2: Create Library Reference */
84      libname cert '~\my_shared_file_links\fkincheloe\stat604\cert' access=readonly;
NOTE: Libref CERT was successfully assigned as follows:
Engine:          V9
Physical Name: /home/u59692926/my_shared_file_links/fkincheloe/stat604/cert
85      run;
86      libname npinfoxl XLSX '/home/u59692926/my_shared_file_links/fkincheloe/stat604/Fall2021/np_info.xlsx';
NOTE: Libref NPINFOXL was successfully assigned as follows:
Engine:          XLSX
Physical Name: /home/u59692926/my_shared_file_links/fkincheloe/stat604/Fall2021/np_info.xlsx
87
88      /* Part 3: List all data sets in first library */
89      PROC CONTENTS DATA=cert._ALL_ NODS;
90      TITLE "Cert Data Sets";
91      FOOTNOTE "Downloaded from SAS Website";
92      run;

NOTE: PROCEDURE CONTENTS used (Total process time):
real time          0.10 seconds
user cpu time       0.09 seconds
system cpu time     0.00 seconds
memory             1964.62k
OS Memory           24996.00k
Timestamp           10/14/2021 07:28:18 PM
Step Count          24   Switch Count   2
Page Faults         0
Page Reclaims       965
Page Swaps          0
Voluntary Context Switches 86
Involuntary Context Switches 0
Block Input Operations 0
Block Output Operations 24

93
94      /* Part 4: Report the Descriptor Portion of the Mechanics Data Set */
95      PROC CONTENTS DATA=cert.mechanics varnum;
96      TITLE1 "Mechanics Data Set";
97      TITLE2 "Descriptor Portion";
98      FOOTNOTE;
99      run;

NOTE: PROCEDURE CONTENTS used (Total process time):
real time          0.04 seconds
user cpu time       0.05 seconds
system cpu time     0.00 seconds
memory             971.96k
OS Memory           25768.00k
Timestamp           10/14/2021 07:28:18 PM
Step Count          25   Switch Count   3
Page Faults         0
Page Reclaims       182
Page Swaps          0
Voluntary Context Switches 29
Involuntary Context Switches 0
Block Input Operations 0
Block Output Operations 32

100
101      /* Part 5: Report the Data Portion of the Mechanics Data Set */
102      PROC PRINT DATA=CERT.mechanics;

```

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103      TITLE1 "Mechanics Data Set";
104      TITLE2 "Data Portion";
105      FOOTNOTE;
106      run;

```

NOTE: There were 29 observations read from the data set CERT.MECHANICS.

NOTE: PROCEDURE PRINT used (Total process time):

```

real time          0.07 seconds
user cpu time      0.08 seconds
system cpu time    0.00 seconds
memory             765.40k
OS Memory          25508.00k
Timestamp          10/14/2021 07:28:18 PM
Step Count                26  Switch Count   3
Page Faults              0
Page Reclaims           146
Page Swaps              0
Voluntary Context Switches 27
Involuntary Context Switches 0
Block Input Operations   0
Block Output Operations  32

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107
108      /* Part 6: Report the Descriptor Portion of the Zip Code Data Set */
109      PROC CONTENTS DATA=sashelp.zipcode;
110      TITLE "Zip Code Data- Descriptor Portion";
111      FOOTNOTE "Included with SAS Installation";
112      run;

```

NOTE: PROCEDURE CONTENTS used (Total process time):

```

real time          0.06 seconds
user cpu time      0.07 seconds
system cpu time    0.00 seconds
memory             1746.21k
OS Memory          26344.00k
Timestamp          10/14/2021 07:28:18 PM
Step Count                27  Switch Count   2
Page Faults              0
Page Reclaims           283
Page Swaps              0
Voluntary Context Switches 19
Involuntary Context Switches 0
Block Input Operations   0
Block Output Operations  32

```

```

113
114      /* Part 7: List all the tables in the Excel File */
115      proc contents DATA=npinfoxl._ALL_ NODS;
116      TITLE "Excel Tables List";
117      FOOTNOTE;
118      run;

```

NOTE: PROCEDURE CONTENTS used (Total process time):

```

real time          0.02 seconds
user cpu time      0.02 seconds
system cpu time    0.00 seconds
memory             2734.15k
OS Memory          28068.00k
Timestamp          10/14/2021 07:28:18 PM
Step Count                28  Switch Count   2
Page Faults              0
Page Reclaims           632
Page Swaps              0
Voluntary Context Switches 28
Involuntary Context Switches 0
Block Input Operations   0
Block Output Operations  24

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119
120      /* Part 8: Report the Descriptor Portion of the Parks Worksheet in Excel */
121      proc contents data=npinfoxl.parks order=casecollate;
122      TITLE "National Parks Information";
123      FOOTNOTE;
124      run;

```

NOTE: PROCEDURE CONTENTS used (Total process time):

```

real time          0.52 seconds

```

```

user cpu time      0.50 seconds
system cpu time    0.02 seconds
memory             40817.56k
OS Memory          71140.00k
Timestamp          10/14/2021 07:28:19 PM
Step Count         29   Switch Count  2
Page Faults        0
Page Reclaims      10418
Page Swaps         0
Voluntary Context Switches 22
Involuntary Context Switches 1
Block Input Operations 0
Block Output Operations 16

```

```

125
126      /* Part 9: Report the Data Portion of the Parks Worksheet in Excel */
127      proc print data=npinfoxl.parks;
128      TITLE "National Parks Information";
129      FOOTNOTE;
130      run;

```

NOTE: Access by observation number not available. Observation numbers will be counted by PROC PRINT.
 NOTE: The import data set has 56 observations and 6 variables.
 NOTE: The import data set has 56 observations and 6 variables.
 NOTE: There were 56 observations read from the data set NPINFOXL.parks.
 NOTE: PROCEDURE PRINT used (Total process time):

```

real time          0.56 seconds
user cpu time      0.55 seconds
system cpu time    0.02 seconds
memory             40561.81k
OS Memory          70880.00k
Timestamp          10/14/2021 07:28:20 PM
Step Count         30   Switch Count  2
Page Faults        0
Page Reclaims      10147
Page Swaps         0
Voluntary Context Switches 21
Involuntary Context Switches 1
Block Input Operations 0
Block Output Operations 48

```

```

131
132      /* Part 10: Release Library Reference Connection to the Excel File */
133      libname npinfoxl clear;
NOTE: Libref NPINFOXL has been deassigned.

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134
135
136
137
138      OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
148

```