Execution Environment

Author:	singhamit84670
File:	/home/singhamit84670/MACRO_DO_LOOP.sas
SAS Platform:	Linux LIN X64 3.10.0-1062.4.1.el7.x86_64
SAS Host:	ODAWS02-APSE1.ODA.SAS.COM
SAS Version:	9.04.01M6P11072018
SAS Locale:	en_GB
Submission Time:	24/09/2022, 12:47:53
Browser Host:	103.61.252.13
User Agent:	Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/105.0.0.0 Safari/537.36
Application Server:	ODAMID00-APSE1.ODA.SAS.COM

Code: MACRO_DO_LOOP.sas

```
%macro a(n=);
%do i=1 %to &n;
    data a&i;
    set maps.AFGHANIS;
    run;
%end;
%mend a;

%a(n=2);
```

```
proc print data=a1 (firstobs=2640);
run;
```

```
proc print data=a2 (firstobs=2640);
run;
```

Log: MACRO_DO_LOOP.sas

Notes (10)

```
1         OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
68
69        %macro a(n=);
70        %do i=1 %to &n;
71        data a&i;
72        set maps.AFGHANIS;
73        run;
74        %end;
75        %mend a;
76
77        %a(n=2);
```

NOTE: There were 2644 observations read from the data set MAPS.AFGHANIS.

```
NOTE: The data set WORK.A1 has 2644 observations and 6 variables.
NOTE: DATA statement used (Total process time):
      real time           0.00 seconds
      user cpu time       0.00 seconds
      system cpu time     0.00 seconds
      memory              833.31k
      OS Memory           25768.00k
      Timestamp           24/09/2022 07:17:52 AM
      Step Count                      107   Switch Count  2
      Page Faults                     0
      Page Reclaims                   144
      Page Swaps                      0
      Voluntary Context Switches      11
      Involuntary Context Switches    0
      Block Input Operations          0
      Block Output Operations         264


NOTE: There were 2644 observations read from the data set MAPS.AFGHANIS.
NOTE: The data set WORK.A2 has 2644 observations and 6 variables.
NOTE: DATA statement used (Total process time):
      real time           0.00 seconds
      user cpu time       0.01 seconds
      system cpu time     0.00 seconds
      memory              833.31k
      OS Memory           25768.00k
      Timestamp           24/09/2022 07:17:52 AM
      Step Count                      108   Switch Count  2
      Page Faults                     0
      Page Reclaims                   70
      Page Swaps                      0
      Voluntary Context Switches      9
      Involuntary Context Switches    0
      Block Input Operations          0
      Block Output Operations         264


78
79          proc print data=a1 (firstobs=2640);
80          run;

NOTE: There were 5 observations read from the data set WORK.A1.
NOTE: PROCEDURE PRINT used (Total process time):
      real time           0.01 seconds
      user cpu time       0.01 seconds
      system cpu time     0.00 seconds
      memory              1203.40k
      OS Memory           25768.00k
      Timestamp           24/09/2022 07:17:52 AM
      Step Count                      109   Switch Count  0
      Page Faults                     0
      Page Reclaims                   68
      Page Swaps                      0
      Voluntary Context Switches      0
      Involuntary Context Switches    0
      Block Input Operations          0
      Block Output Operations         0


81
82          proc print data=a2 (firstobs=2640);
```

```
83          run;

NOTE: There were 5 observations read from the data set WORK.A2.
NOTE: PROCEDURE PRINT used (Total process time):
      real time             0.01 seconds
      user cpu time         0.01 seconds
      system cpu time       0.00 seconds
      memory                714.84k
      OS Memory             25768.00k
      Timestamp             24/09/2022 07:17:52 AM
      Step Count                      110  Switch Count  0
      Page Faults                     0
      Page Reclaims                   65
      Page Swaps                      0
      Voluntary Context Switches      1
      Involuntary Context Switches    0
      Block Input Operations          0
      Block Output Operations         0


84
85          OPTIONS NONOTES NOSTIMER NOSOURCE NOSYNTAXCHECK;
95
```

Results: MACRO_DO_LOOP.sas

Obs	ID	SEGMENT	X	Y	LONG	LAT
2640	29	1	4560	-521	-1.15512	0.55979
2641	29	1	4538	-475	-1.15460	0.56071
2642	29	1	4578	-386	-1.15556	0.56251
2643	29	1	4602	-295	-1.15614	0.56435
2644	29	1	4615	-241	-1.15645	0.56544

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