**Assignment, SAS Syntax**

**Submit your corrected SAS program as a .txt or .doc file through Canvas.**

**Each question is 10 points (total of 70)**

1. Type or copy the following program into the SAS editor.

title;

data anscombe;

do data=1 to 4;

do n=1 to 11;

input x y @@;

output;

end;

end;

datalines;

10 8.04 8 6.95 13 7.58 9

8.81 11 8.33 14 9.96 6 7.24

4 4.26 12 10.84

;

run;

proc pint data=anscombe;

run;

1. Submit the program.
2. Read the log and note whether SAS has issued an error or a warning.
3. Correct any errors or warnings.
4. Resubmit your program.
5. Check the Results and the Log to assure you have corrected the error.
6. Type or copy the following program into the SAS editor.

data tmp;

input x y @@;

datalines;

1 7 2 8 3 9 4 10

run;

proc frq data=work.tmp;

tables x;

run;

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3. Correct any errors or warnings.
4. Resubmit your program.
5. Check the Results and the Log to assure you have corrected the error.
6. Type or copy the following program into the SAS editor.

dta tmp

input x y @@;

datalines;

1 7 2 8 3 9 4 10

run;

proc print data=work.tmp;

run;

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dta tmp

input x y @@;

datalines;

1 7 2 8 3 9 4 10

run;

proc frq data=work.tmp;

tables x;

run;

1. Submit the program.
2. Read the log and note whether SAS has issued an error or a warning.
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5. Check the Results and the Log to assure you have corrected the error.
6. Type or copy the following program into the SAS editor.

data meta

input id a b c d;

label id = 'Study Number'

a = 'Number of occurrences for the Treatment (new surgery)Group'

b = 'Number of nonoccurrences for the Treatment (new surgery)Group'

c = 'Number of occurrences for the Control (old surgery)Group'

d = 'Number of nonoccurrences for the Control (old surgery)Group';

datalines;

1 7 8 11 2

2 8 11 8 8

3 5 29 4 35

4 7 29 4 27

;

run;

proc means data=meta;

var a;

run;

1. Submit the program.
2. Read the log and note whether SAS has issued an error or a warning.
3. Correct any errors or warnings.
4. Resubmit your program.
5. Check the Results and the Log to assure you have corrected the error.
6. Type or copy the following program into the SAS editor.

data tmp17;

title "this is a small data set";

input w t @@;

datalines;

43 55 67 79 41 57

15 17 23 19

run;

proc print data=tmp16;

run;

1. Submit the program.
2. Read the log and note whether SAS has issued an error or a warning.
3. Correct any errors or warnings.
4. Resubmit your program.
5. Check the Results and the Log to assure you have corrected the error.
6. Type or copy the following program into the SAS editor.

data ages;

input age gender $ @@;

datalines;

22 f 27 m 23 m 34 f

run;

proc print data=ages;

title "Listing of work.ages;

run;

1. Submit the program.
2. Read the log and note whether SAS has issued an error or a warning.
3. Correct any errors or warnings.
4. Resubmit your program.
5. Check the Results and the Log to assure you have corrected the error.