HOMEWORK 1

(due Thursday, September 9, 2021, by 10pm, sent to <u>stat475f21@gmail.com</u>)

Exercises for Handout 1 material:

Exercise 1. Read the data stored in file 'NBA.xls' into SAS by

- (a) entering data directly into SAS code,
- (b) referencing a SAS data file stored on external drive,
- (c) importing a spread sheet file into SAS library.

In each case, verify that SAS reads these data correctly by running PROC PRINT. Turn in your SAS program as well as a complete SAS output.

Exercise 2. Enter the following data for the variables Group and Response into SAS using the DO statement. Verify that SAS reads these data correctly by running PROC PRINT. Turn in your SAS code. Do not turn in the complete SAS output, just a few beginning and a few ending lines of data.

Table of group by response			
Group	Response		Total
	yes	no	Total
surgical	93	1034	1127
nonsurgical	21	768	789
Total	114	1802	1916

<u>Exercises for Handout 2 material:</u> Explain the reason for selecting the correct answer, as well as the reason for NOT selecting EACH of the wrong answers.

- Quiz for Chapter 1 in the textbook: Questions 1, 2, 3, 4, 5, 6, 7, 9, and 10.
- Quiz for Chapter 2 in the textbook: Questions 7 and 9.
- A00-201 Practice Exam: Question 10 (note typos: "libnamerawdata1" should be "libname rawdata1", and "salse2" should be "sales2").

<u>Exercises for Handout 3 material:</u> Explain the reason for selecting the correct answer, as well as the reason for NOT selecting EACH of the wrong answers.

- Quiz for Chapter 5 in the textbook: Questions 3, 5 (note that answers b and c are both correct), 6, 7, and 8.
- Quiz for Chapter 16 in the textbook: Question 1.
- A00-201 Practice Exam: Questions 8 (disregard the ruler), 58, 120, 121.

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<u>Exercises for Handout 4 material:</u> Explain the reason for selecting the correct answer, as well as the reason for NOT selecting EACH of the wrong answers.

- Quiz for Chapter 7 in the textbook: Questions 3, 4 (ignore lib=library), 5, 6, 7, and 9.
- Quiz for Chapter 16 in the textbook: Questions 5, 6, 7, 8, and 9.
- A00-201 Practice Exam: Questions 7, and 89.