

PSTAT 130
Summer 2017
Homework #1
Due August 10/14 or 15 in your registered Section

1. General Knowledge Questions

- a. What did “SAS” originally stand for?
- b. List the names of the five main SAS windows.
- c. What do most SAS Statements begin with? What do they end with?
- d. What symbol is used to start a single comment line? What symbols are used to start and end a block of comment lines?
- e. Name five ways to Submit a SAS program.
- f. What are the two main Steps in SAS programs?
- g. How do you clear the contents of the Editor, Log or Output windows?

2. Creating Libraries

A. Use the LIBNAME Statement to create the following libraries:

- A library called “mydrive” that points to your personal storage device (i.e., your thumb or flash drive).
- A library called “myclass” that points to the **Classes/PSTAT 130/airlines one** folder. Hint: you can use Windows Explorer to find out the exact string for the folder path, then copy it from the Address line at the top of the window and paste it into your program.
- A library called “temp130” that points to the SAS default storage location (e.g., **My Documents/My SAS Files/SAS 9.1**).

3. Enhancing List Reports

Create the listing described below using the **passngrs** data set posted on Gauchospace
Set the appropriate options so that

- the date and time the SAS session began does NOT display,
- the line size is 70, and
- the page number starts at 99.
- Place the title ‘SFO Passenger Data’ on every page of the report.
- Place the title ‘Unformatted Listing’ on the second line of every page of this report.
- Do not format any of the variables or values.

- B. Next, create another listing of the same data, this time using the following information:
- Replace the second line title with 'Formatted Listing';
 - Use a SAS Format to display the **Depart** values with the MMDDYY10. Format the **FClass**, **BClass**, and **EClass** values with commas and two decimal places.
 - Use the labels below to replace the variable names in the Report.

Variable	Label
Dest	Trip Destination
Depart	Flight Departure Date
FClass	First Class
BClass	Business Class
EClass	Economy Class