

STAT2005 Programming Languages for Statistics
Exercise for Chapter 8

1. Create an account and login the online platform

https://www.sas.com/en_us/software/on-demand-for-academics.html.

(a) Create a library called STAT2005 and a dataset called q1a, which consists of a single value 2005. Use PROC PRINT to print q1a.

(b) Upload ex8_q1b.dat to the platform and create a SAS dataset called ans. The dataset ans has three variables:

- A: First value on each dataline in ex8_q1b.dat
- B: Second value on each dataline in ex8_q1b.dat
- AplusB: equal to the value of $A + B$

ans should consist of all observations from ex8_q1b.dat. Use PROC SORT to sort the data in ans by A in ascending order and print ans.

2. Identify and modify the syntax errors in the following SAS program snippets.

(a) data q2a;
 A <- 1;
 A = A+1; * comment *
 RUN;

(b) dATa q2b;
 INPUT C;
 A = 3xC;
 B = A-c
 CARD;
 1
 2

 RUN;
 PRINT data = q2b;
 RUN;