



UCD School of Mathematics and Statistics

STAT40840: Data programming with SAS

Laura Kirwan

Solutions to Exercises 2

Exercise 1

Open program **L2_E1.sas**. Add a PROC CONTENTS step after the DATA step to view **work.donations**. Submit the program and review the results. How many observations are in the data set **work.donations**?



Exercise 1 solution

Open program **L2_E1.sas**. Add a PROC CONTENTS step after the DATA step to view **work.donations**. Submit the program and review the results. How many observations are in the data set **work.donations**? **124 observations**

```
data work.donations;  
    infile "&path\donation.dat";  
    input Employee_ID Qtr1 Qtr2 Qtr3 Qtr4;  
    Total=sum(Qtr1,Qtr2,Qtr3,Qtr4);  
run;  
  
proc contents data=work.donations;  
run;
```

Exercise 2

Which variable names are invalid?

- a. data5mon
- b. 5monthsdata
- c. data#5
- d. five months data
- e. five_months_data
- f. FiveMonthsData
- g. fivemonthsdata



Exercise 2 solution

Which variable names are invalid?

- a. data5mon
- b. 5monthsdata
- c. data#5
- d. five months data
- e. five_months_data
- f. FiveMonthsData
- g. fivemonthsdata

Exercise 3

Submit program **L2_E3.sas**. View the output to retrieve the current date as a SAS date value (that is, a numeric value referencing January 1, 1960). What is the numeric value for today's date?



Exercise 3 solution

Submit program **L2_E3.sas**. View the output to retrieve the current date as a SAS date value (that is, a numeric value referencing January 1, 1960). What is the numeric value for today's date?

The answer depends on the current date.

Example: If the current date is February 1, 2016, the numeric value is 20485.



Exercise 4

Which of the following correctly assigns the libref **myfiles** to a SAS library in the **c:\mysasfiles** folder?

- a. libname orion myfiles "c:\mysasfiles";
- b. libname myfiles "c:\mysasfiles";
- c. libref orion myfiles "c:\mysasfiles";
- d. libref myfiles "c:\mysasfiles";

Exercise 4 solution

• Which of the following correctly assigns the libref **myfiles** to a SAS library in the **c:\mysasfiles** folder?

a. libname orion myfiles "c:\mysasfiles";

b. libname myfiles "c:\mysasfiles";

c. libref orion myfiles "c:\mysasfiles";

d. libref myfiles "c:\mysasfiles";