



Exercises

If you restarted your SAS session since the last exercise, open and submit the **libname.sas** program found in the data folder.

Level 1

1. Examining the Data Portion of a SAS Data Set

- Retrieve the starter program **p103e01**.
- After the PROC CONTENTS step, add a PROC PRINT step to display all observations, all variables, and the Obs column for the data set named **work.donations**.
- Submit the program to create the PROC PRINT report below. The results contain 124 observations.

Partial PROC PRINT Output

Obs	Employee_ ID	qtr1	qtr2	qtr3	qtr4	Total
1	120265	.	.	.	25	25
2	120267	15	15	15	15	60
3	120269	20	20	20	20	80
...						
123	121145	35	35	35	35	140
124	121147	10	10	10	10	40

Level 2

2. Examining the Descriptor and Data Portions of a SAS Data Set

- Retrieve the starter program **p103e02**.
- After the DATA step, add a PROC CONTENTS step to display the descriptor portion of **work.newpacks**.
- Submit the program and answer the following questions:

How many observations are in the data set? _____

How many variables are in the data set? _____

What is the length (byte size) of the variable **Product_Name**? _____
- After the PROC CONTENTS step, add a PROC PRINT to display the data portion of **work.newpacks**.

Submit the program to create the following PROC PRINT report:

Obs	Supplier_Name	Supplier_ Country	Product_Name
1	Top Sports	DK	Black/Black