

SAS Case 15A - Sorted Sorts

Problem Statement

In this case you'll use the first and last variable name modifiers to select a subset of employees using the JCL/SAS file and data of Case 4 (**YOUR_USER_ID.TRAINING.CASE4**). You will put the selected employees in a single data set.

Your Task

1. Start with the JCL/SAS file you used in Case 4. **YOUR_USER_ID.TRAINING.CASE4**.
2. Sort the employee data set by both division and name. Print out the sorted data set using PROC PRINT.
3. In a new SAS data set, use the first and last variable name modifiers to determine if an employee is the first employee within a division or the last employee in a division.
4. Create a new character variable that indicates if an employee is the "FIRST", "LAST" or the "ONLY" employee in a division.
5. Retain only those employees with a designation of "FIRST", "LAST" or "ONLY".
6. Print out the new employee list with a PROC PRINT. Save the JCL and SAS code as file **YOUR_USER_ID.TRAINING.CASE15A**.

When the SAS job runs successfully, print out:

1. The original JCL/SAS file (**YOUR_USER_ID.TRAINING.CASE15A**).
2. The SAS listing (shown as SASLIST in IOF)

Purpose

To introduce you to the use of first and last variable name modifiers.