# Practice Challenge: Using Group Values in the Title of a Grouped Frequency Report

In this practice, you use group values in the title of a grouped frequency report. You can use the #BYVAL option to insert the name of each distinct group in titles and footnotes.

**Note**: Documentation about the BYLINE option and the use of #BYVAL can be found by accessing online Help and searching for **BYLINE System Option**.

1. If you haven't already, complete the **Level 2: Creating a Grouped Frequency Report** practice and then continue with the next steps.


2. Modify the **Jobs by Dept Freq Report** task.
   - Change the title to **Employees by Job Title in #byval(department) Department**. This syntax places the name of each distinct group in the title.
   - Access the code in the One-Way Frequencies task by selecting **Preview code**. Select the **Show custom code insertion points** check box.
   - To remove the secondary BYLINE title, add the provided statement at the earliest point of insertion in the task code.
     ```
     options nobyline;
     ```
   - To reinstate the secondary BYLINE title for future tasks, add the provided statement at the end of the task code.
     ```
     options byline;
     ```


   On the Jobs by Dept Freq Report tab, click the **Modify Task** icon from the task toolbar.
   - Change the title to **Employees by Job Title in #byval(department) Department**. This syntax places the name of each distinct group in the title.
     - Select **Titles** in the selection pane.
     - Change the title to **Employees by Job Title in #byval(department) Department**.
   - Access the code in the One-Way Frequencies task by selecting **Preview code**. Select the **Show custom code insertion points** check box.
     - In the lower left part of the task window, click the **Preview code** button to open the Code Preview for Task window.
     - In the upper left part of this window, select the **Show custom code insertion points** check box.
   - To remove the secondary BYLINE title, add the provided statement at the earliest point of insertion in the task code.
     - Click the first line that indicates ***<insert custom code here>***.
     - Enter the following SAS OPTIONS statement:
       ```
       options nobyline;
       ```
   - To reinstate the secondary BYLINE title for future tasks, add the provided statement at the end of the task code.
     - Click the last line that indicates ***<insert custom code here>***.
     - Enter the following SAS OPTIONS statement:
       ```
       options byline;
       ```
     - Close the Code Preview for Task window.


3. Run the task and view the results.


   - Click **Run** to generate the report.
   - If necessary, click the Results tab to view the report.


4. Close all tabs except for the process flow, and save the **Lesson3** project.