DA 6223 Exercise 4

Upload your project under Exercise 4 and answer the questions on Canvas.

Create a new project. Add a new process flow and rename it as Exercise 4 Problems. Assign ORION Library.

Problem 1 (3 pts)
Using the Query Builder to Produce a Top-Ten Report
Orion Sports would like to know the top ten paying job titles that do not include 'Chief' in the title. Use Query Builder to group, summarize, and filter the **employee_master** data and obtain the requested table.

   a.   Open employee_master data.
   b.   Using the Query Builder to create a query named **Top Ten Paying Jobs**.
   c.   Filter the data to exclude rows where the job title contains the word **Chief**.
   d.   Order the output table by descending Salary.
   •   To produce a report instead of a data table, select Options in the Query Builder. Under Results, you can override the default result type: Generate a report rather than a data table.
   •   Limit the number of output rows to 10.

Review the results of the query as well as the log file. There is a warning sign on this query in the process pane. Find the reason for the warning in the Log File.

<mark>What is the WARNING you get?</mark>

Problem 3 (3 pts)
Using a Date Function for a Computed Column
Use **PROC SQL** to create a report that includes <u>active employees</u> (those with no termination date) and how old the employee was when hired.

   a.   Select Employee_ID, Birth_Date, and Employee_Hire_Date columns, and a newly created column named Hired_Age that prints the age of the employee when they were hired
   b.   From the **Employee_Payroll** table
   c.   Order the results by ascending Hired_Age.

<mark>How old was the youngest hired employee?</mark>

Problem 4 (4 pts)
Assigning Values Conditionally
Use **PROC SQL** to create a report that will print the dependent status of each employee in the Employee_Payroll table. Use the CASE expression to create a categorical **Dependents_Status**

column conditionally. Use the **Employee_Payroll** table and select Employee_ID and Dependents columns. If the value of Dependents is greater than 0, **Dependents_Status** column should take the value of "Yes" otherwise it should take the value "No".

Upload your project under Exercise 4.