DA 6223 Exercise 3

Upload your project under Exercise 3 and answer the questions on Canvas.

Create a new project. Add a new process flow and rename it as Exercise 3 Problems. Assign ORION Library.

Problem 1

Creating a New Table in the Filter and Sort Task with a Basic Filter

Use the Filter and Sort task to create a new table with San Diego employees sorted in postal code order.

a. Create a new project. Add a new process flow and rename it as Problem 1, 2, 3 and 4. Assign ORION Library (use a task or a program).
b. Open the **employee_addresses** data.
c. Using the Filter and Sort task, create a new table for the San Diego office manager. This table should include **Employee_ID, Employee_Name, Street_Number, Street_Name, and Postal_Code.**
   - Create a filter to include only employees from San Diego in the output table.
   - Order the output table in ascending postal code order.
   - Name the task and output table **SanDiegoEmployees.**
   - Submit the task to create the new table.
   - Check the results.

d. How many employees live in San Diego?

Problem 2

Creating a New Table in the Query Builder with a Basic Filter

Use the Query Builder to create a new table that includes all employees with the word Sales in their job titles.

a. Add the **employee_organization** data set.
b. Use the Query Builder to create a query named **Sales Employees Query** and a table named **sales_emps**. Include all employees that contain the word Sales as part of their job titles (Hint: When you create the filter, remember that Sales is case sensitive).
   - Which one of the following operators is suitable for writing this filter? **Equal to, Contains, Between** or **In a list**.

c. Include all columns and sort the resulting table by **Department**.
d. Run the query and verify the results.

Problem 3

Using a Compound Filter in the Query Builder to Create a Table

Use the Query Builder to create a table that includes all employees with the word Chief or Manager in their job titles. Use the **employee_master** dataset.

a. Use the Query Builder to create a query named Offsite Meeting Query and a table named **meeting_emps**.
   - Include these columns: **Employee_ID, Employee_Name, Department, and Job_Title**.
   - Filter the data to keep rows where the job title contains the word **Chief** or **Manager**. Note: When entering values, remember that Chief and Manager are case sensitive.
   - Order the output table by ascending Department and then Employee_ID.

b. Run the query and answer the following question:

c. How many rows are in the new **meeting_emps** table?