Advanced Join Challenges

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First Challenge

Challenge:

Write a query to return employee details for all employees as well as the first and last name of each employee's manager. Include the following columns:

- employee_id
- first_name
- last_name
- *manager_first_name (alias for first_name)*
- *manager_last_name (alias for last_name)*

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Second Challenge

Challenge:

Write a query to return all the products at each warehouse.
Include the following attributes:
- product_id
- product_name
- warehouse_id
- warehouse_name
- quantity_on_hand

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Third Challenge

Challenge:

Write a query to return the following attributes for all
employees from Australia:
- employee_id
- first_name
- last_name
- department_name
- job_title
- state_province

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Fourth Challenge

Challenge:

Return the total quantity ordered of each product in each category. Do **not** include products which have never been ordered. Include the product name and category name in the query. Order the results by category name from A to Z and then within each category name order by product name from A to Z.

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Fifth Challenge

Challenge:

Return the total quantity ordered of each product in each category. ***Include*** products which have never been ordered and give these a total quantity ordered of 0. Include the product name and category name in the query. Order the results by category name from A to Z and then within each category name order by product name from A to Z.

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