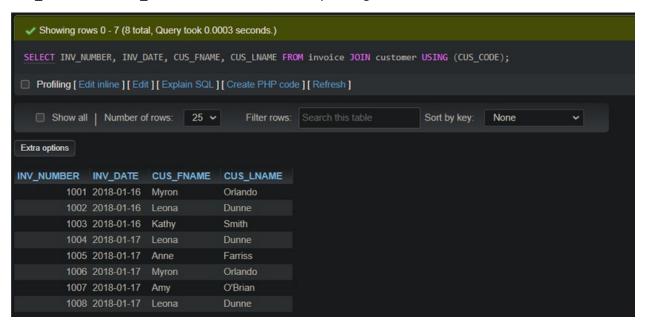
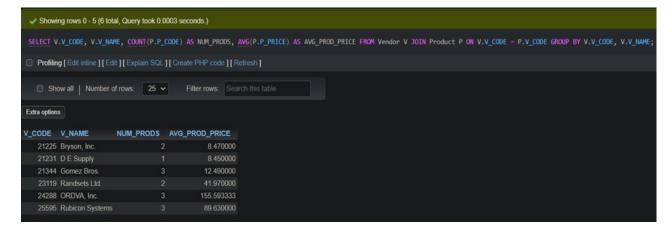
## Data & Information Management

Assignment 6.1P

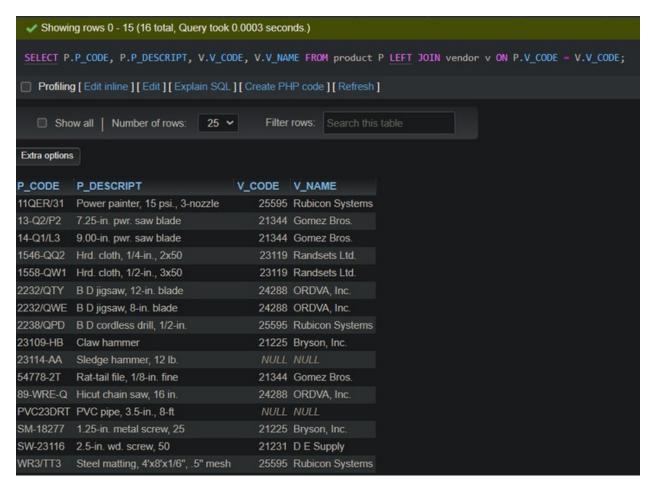
1. Write a SQL statement to list invoices with their INV\_NUMBER, INV\_DATE along with the CUS\_FNAME and CUS\_LNAME of the customers they belong to.



2. Write a SQL statement to list V\_CODE and V\_NAME along with the number of products they supply (column name as 'NUM\_PRODS') and the average price of product they supply (column name as 'AVG\_PROD\_PRICE').



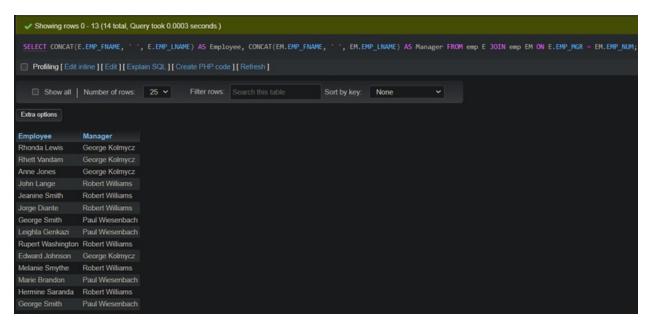
3. Write a SQL statement to list P\_CODE and P\_DESCRIPT of all products along with their vendors' V\_CODE and V\_NAME if available. Note that your results must include all products regardless of whether vendor information is available or not. For products where vendor information is not available, V\_CODE and V\_NAME columns will be empty or NULL in the result (Hint: use outer join).



4. Write a SQL statement to retrieve INV\_DATE and the list of products with P\_CODE and P\_DESCRIPT of Page 3 of 4 the invoice with INV\_NUMBER = 1008 (Hint: you may have to join three tables).



5. Write a SQL statement to list full names (by concatenating EMP\_FNAME and EMP\_LNAME separated by a space) of employees AS 'Employee' with their managers' full name (again by concatenating EMP\_FNAME and EMP\_LNAME separated by a space) AS 'Manager' (Hint: recursive/self-join and string concatenation).



6. Write a SQL statement to list P\_CODE and P\_DESCRIPT of products that came in store (INDATE) in the month of February of 2018.

