**ASSIGNMENT 4 (SUB-QUERY) (Solution)**

**Assignment: Sub-Query**

In this Assignment, will continue to execute queries against the Northwind database.

1. What is the product name(s) of the most expensive products?

(HINT: Find the max price in a subquery and then use that value to find products whose price equals that value. )

SELECT Product\_Name

FROM Products

WHERE Unit\_Price = (SELECT MAX(Unit\_Price) FROM Products);

1. What is the order id, shipping name and shipping address of all orders shipped via "Federal Shipping"?

(HINT: Find the shipper id of "Federal Shipping" in a subquery and then use that value to find the orders that used that shipper.)

SELECT Order\_ID, Ship\_Name, Ship\_Address

FROM Orders

WHERE Ship\_Via = (

SELECT Shipper\_ID

FROM Shippers

WHERE Company\_Name = 'Federal Shipping'

);

1. What are the order ids of the orders that ordered "Sasquatch Ale"?

(HINT: Find the product id of "Sasquatch Ale" in a subquery and then use that value to find the matching orders from the `order details` table. Because the `order details` table has a space in its name, you will need to surround it with back ticks in the FROM clause.)

SELECT Order\_ID

FROM Order\_details

WHERE Product\_ID = (

SELECT Product\_ID

FROM Products

WHERE Product\_Name = 'Sasquatch Ale'

);

1. What is the name of the employee that sold order 10266?

SELECT First\_Name, Last\_Name

FROM Employees

WHERE Employee\_ID = (

SELECT Employee\_ID

FROM Orders

WHERE Order\_ID = 10266

);

1. What is the name of the customer that bought order 10266?

SELECT Company\_Name

FROM Customers

WHERE Customer\_ID = (

SELECT Customer\_ID

FROM Orders

WHERE Order\_ID = 10266

);