

COMP 1630 – Term Project PartB

A01089842

Robert Desjardins

-- B1

```
SELECT od.OrderID,
       od.Quantity,
       p.ProductID,
       p.ReorderLevel,
       s.SupplierID
FROM OrderDetails od
INNER JOIN Products p ON od.ProductID = p.ProductID
INNER JOIN Suppliers s ON p.SupplierID = s.SupplierID
WHERE od.Quantity BETWEEN 65 AND 70
ORDER BY od.OrderID
```

-- B2

```
SELECT ProductID,
       ProductName,
       EnglishName,
       UnitPrice
FROM Products
WHERE UnitPrice < 8
ORDER BY ProductID
```

-- B3

```
SELECT CustomerID,
       CompanyName,
       Country,
       Phone
FROM Customers
WHERE Country IN ('Canada', 'USA')
ORDER BY CustomerID
```

-- B4

```
SELECT s.SupplierID,
       s.Name,
       p.ProductName,
       p.ReorderLevel,
       p.UnitsInStock
FROM Suppliers s
INNER JOIN Products p ON s.SupplierID = p.SupplierID
WHERE p.ReorderLevel = p.UnitsInStock
ORDER BY s.SupplierID
```

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-- B5

```
SELECT o.OrderID AS OrderID,
       c.CompanyName AS CompanyName,
       c.ContactName AS ContactName,
       CONVERT(CHAR(12),o.ShippedDate,107) AS ShippedDate,
       DATEDIFF(YEAR,o.ShippedDate,'Jan 1 2009') AS ElapsedYears
FROM Orders o
INNER JOIN Customers c ON o.CustomerID = c.CustomerID
WHERE o.ShippedDate >= 'Jan 1 1994'
ORDER BY o.OrderID, ElapsedYears
```

-- B6

```
SELECT o.OrderID AS OrderID,
       p.ProductName AS ProductName,
       c.CompanyName AS CompanyName,
       CONVERT(CHAR(12),o.OrderDate,107) AS OrderDate,
       CONVERT(CHAR(12),DATEADD(DAY,10,o.ShippedDate),107) AS NewShippedDate,
       (od.Quantity * p.UnitPrice) AS OrderCost
FROM Orders o
INNER JOIN OrderDetails od ON o.OrderID = od.OrderID
INNER JOIN Products p ON od.ProductID = p.ProductID
INNER JOIN Customers c ON o.CustomerID = c.CustomerID
WHERE (o.OrderDate BETWEEN 'Jan 1 1992' AND 'Mar 30 1992') AND
       (od.Quantity * p.UnitPrice) >= 1500
ORDER BY o.OrderID
```

-- B7

```
SELECT o.OrderID,
       od.UnitPrice,
       od.Quantity
FROM Orders o
INNER JOIN OrderDetails od ON o.OrderID = od.OrderID
WHERE o.ShipCity = 'Vancouver'
ORDER BY o.OrderID
```

-- B8

```
SELECT c.CustomerID,
       c.CompanyName,
       c.Fax,
       o.OrderID,
       o.OrderDate
FROM Customers c
INNER JOIN Orders o ON c.CustomerID = o.CustomerID
WHERE o.ShippedDate IS NULL
ORDER BY c.CustomerID,
       o.OrderDate
```

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-- B9

```
SELECT ProductID,  
       ProductName,  
       QuantityPerUnit,  
       UnitPrice  
FROM Products  
WHERE ProductName LIKE '%choc%' OR  
       ProductName LIKE '%tofu%'  
ORDER BY ProductID
```

-- B10

```
SELECT SUBSTRING(ProductName,1,1) AS ProductName,  
       COUNT(*) AS Total  
FROM Products  
GROUP BY SUBSTRING(ProductName,1,1)  
HAVING COUNT(*) >= 3
```