

JASON CHAN A00698160 - PROJECT B

-- Project PartB.B1

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

-- Project PartB.B2

```
SELECT ProductID,
       ProductName,
       EnglishName,
       UnitPrice
FROM   Products
WHERE  UnitPrice < 8.00
ORDER BY ProductID
```

-- Project PartB.B3

```
SELECT CustomerID,
       CompanyName,
       Country,
       Phone
FROM   Customers
WHERE  Country = 'Canada'
      OR Country = 'USA'
ORDER BY CustomerID
```

-- Project PartB.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 SupplierID
```

-- Project PartB.B5

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

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-- Project PartB.B6

```
SELECT o.OrderID,
       p.ProductName,
       c.CompanyName,
       CONVERT(CHAR(12),o.OrderDate),
       CONVERT(CHAR(12),DATEADD(DAY, 10, o.ShippedDate)) 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) >= 1500.00
ORDER BY o.OrderID
```

-- Project PartB.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
```

-- Project PartB.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
```

-- Project PartB.B9

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

-- Project PartB.B10

```
SELECT SUBSTRING(ProductName, 0,2) AS ProductName,
       COUNT(SUBSTRING(ProductName, 0,2)) AS Total
FROM   Products
GROUP BY SUBSTRING(ProductName, 0,2)
HAVING COUNT(SUBSTRING(ProductName, 0,2)) > 3
ORDER BY ProductName
```