

--Part.B.B1

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

--Part.B.B2

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

--Part.B.B3

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

--Part.B.B4

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

--Part.B.B5

```
SELECT      Orders.OrderID,
            Customers.CompanyName,
            Customers.ContactName,
            CONVERT(CHAR(12),Orders.ShippedDate, 109) AS ShippedDate,
            DATEDIFF(YEAR, Orders.ShippedDate, 'Jan 1 2009') AS ElapsedYears
FROM Orders
JOIN Customers ON Orders.CustomerID = Customers.CustomerID
WHERE Orders.ShippedDate >= 'Jan 1 1994'
ORDER BY Orders.OrderID, ElapsedYears
```

--Part.B.B6

```

SELECT      Orders.OrderID,
            Products.ProductName,
            Customers.CompanyName,
            CONVERT(CHAR(12),Orders.OrderDate, 109)          AS OrderDate,
            CONVERT(CHAR(12),DATEADD(DAY, 10, Orders.ShippedDate), 109) AS NewShippedDate,
            OrderDetails.Quantity * Products.UnitPrice        AS OrderCost
FROM Customers
JOIN Orders      ON Customers.CustomerID = Orders.CustomerID
JOIN OrderDetails ON Orders.OrderID = OrderDetails.OrderID
JOIN Products    ON OrderDetails.ProductID = Products.ProductID
WHERE Orders.OrderDate BETWEEN 'Jan 1 1992' AND 'Mar 30 1992'
AND (OrderDetails.Quantity * Products.UnitPrice) >= 1500
ORDER BY Orders.OrderID

```

--Part.B.B7

```

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

```

--Part.B.B8

```

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

```

--Part.B.B9

```

SELECT      ProductID,
            ProductName,
            QuantityPerUnit,
            UnitPrice
FROM Products
WHERE (ProductName LIKE '%choco%'
OR      ProductName LIKE '%tofu%')
ORDER BY ProductID

```

--Part.B.B10

```

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

```