SQL ASSIGNMENT

Solutions:

1. SELECT DAY(o.shippedDate) as Day , AVG(od.quantityOrdered) as Avg
   FROM Orders as o INNER JOIN orderdetails as od ON o.orderNumber =
   od.orderNumber GROUP BY Day;

2. SELECT DAY(o.orderDate) as Day , AVG(od.quantityOrdered) as Avg
   FROM Orders as o INNER JOIN orderdetails as od ON o.orderNumber =
   od.orderNumber GROUP BY Day;

3. SELECT productName , MIN(MSRP) FROM Products;

4. SELECT productName , MAX(quantityInStock) FROM Products;

5. SELECT TOP 1 p.productName , SUM(o.quantityOrdered) as quantity
   FROM Products as p INNER JOIN orderdetails as o ON p.productCode =
   o.productCode GROUP BY p.productName ORDER BY quantity DESC;

6. SELECT TOP 1 c.customerName , SUM(p.amount) as amount FROM
   Customers as c INNER JOIN payments as p ON c.customerNumber =
   p.customerNumber GROUP BY c.customerName ORDER BY amount
   DESC;

7. SELECT cutomerNumber, customerName FROM Customers WHERE city =
   'Melbourne';

8. SELECT customerName FROM Customer where customerName LIKE 'N%'

9. SELECT customerNumber , customerName FROM Customers WHERE
   phone LIKE '%7' AND city = 'Las Vegas';

10. SELECT customerName FROM Customers WHERE creditLimit < 1000 AND city = 'Las Vegas' OR city = 'Nantes' OR city = 'Stavern';

11. SELECT orderNumber FROM orderdetails WHERE quantityOrdered < 10;

12. SELECT o.orderNumber FROM Orders as o LEFT JOIN Customers as c ON o.customerNumber = c.customerNumber WHERE c.customerName LIKE 'N%';

13. SELECT c.customerName FROM Customers as c LEFT JOIN Orders as o ON c.customerNumber = o.customerNumber WHERE o.status = 'Disputed';

14. SELECT c.customerName FROM Customers as c LEFT JOIN payments as p ON c.customerNumber = p.customerNumber WHERE p.checkNumber LIKE 'H%' AND p.paymentDate = "2004-10-19";

15. SELECT checkNumber FROM payments WHERE amount > 1000;