

WORKSHEET SQL-4

1. Code:

```
SELECT AVG(count)
FROM
(
    SELECT COUNT (shippedDate) AS count
    FROM Orders
    GROUP BY count
) as count
```

2. code:

```
SELECT AVG(count)
FROM
(
    SELECT COUNT (orderDate) AS count
    FROM Orders
    GROUP BY count
) as count
```

3. Code:

```
SELECT TOP 1 productName FROM products ORDER BY MSRP ASC;
```

4. Code:

```
SELECT TOP 1 productName FROM products ORDER BY quantityInStock
DESC;
```

5. Code:

```
SELECT TOP 1 p.productName
FROM products p
INNER JOIN orderDetails od
ON p.productCode = od.productCode
GROUP BY p.productName
ORDER BY COUNT(od.orderNumber) DESC;
```

6. Code:

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

7. Code:

```
SELECT customerNumber, customerName FROM Customers WHERE city
= 'Melbourne city';
```

8. Code:

```
SELECT customerName
FROM Customers
WHERE customerName LIKE 'N%';
```

9. Code:

```
SELECT customerName  
FROM Customers  
WHERE phone LIKE '7%' AND city = 'Las Vegas';
```

10. Code:

```
SELECT customerName  
FROM Customers  
WHERE creditLimit < 1000 AND (city = 'Las Vegas' OR city = 'Nantes' OR  
city = 'Stavern');
```

11. Code:

```
SELECT orderNumber  
FROM orderdetails  
WHERE quantityOrdered < 10;
```

12. Code:

```
SELECT o.orderNumber  
FROM Customers c  
INNER JOIN orders o  
ON c.customerNumber = o.customerNumber  
GROUP BY o.orderNumber  
WHERE c.customerName LIKE 'N%';
```

13. Code:

```
SELECT c.customerName  
FROM Customers c  
INNER JOIN orders o  
ON c.customerNumber = o.customerNumber
```

```
GROUP BY c.customerNumber  
WHERE o.status = 'Disputed';
```

14. Code:

```
SELECT c.customerName  
FROM Customers c  
INNER JOIN payments p  
ON c.customerNumber = p.customerNumber  
GROUP BY c.customerNumber  
WHERE p.checkNumber LIKE 'H%' AND p.paymentDate = '2004-10-19';
```

15. Code:

```
Select checkNumber FROM payments WHERE amount > 1000;
```