

```
SELECT orderNumber, SUM(quantityOrdered) as Qty,  
IF(MOD(SUM(quantityOrdered),2),'Odd','Even') as oddOrEven  
FROM orderdetails  
GROUP BY orderNumber  
ORDER BY orderNumber;  
SELECT productCode,  
AVG(quantityOrdered * priceEach) as avg_order_value  
FROM orderdetails  
GROUP BY productCode;
```

```
SELECT productCode, ROUND(AVG(quantityOrdered * priceEach)) AS avg_order_item_value  
FROM orderDetails  
GROUP BY productCode;  
SELECT YEAR(shippeddate) as year, COUNT(ordernumber) as orderQty  
FROM orders  
GROUP BY YEAR(shippeddate)  
ORDER BY YEAR(shippeddate);
```

```
SELECT DAY(orderdate) as dayofmonth, COUNT(*)  
FROM orders WHERE YEAR(orderdate) = 2004  
GROUP BY dayofmonth  
ORDER BY dayofmonth;
```

```
SELECT orderNumber, DATEDIFF(requiredDate, shippedDate) as daysLeft  
FROM orders  
ORDER BY daysLeft DESC;
```

```
SELECT DAY(orderdate) as dayofmonth, COUNT(*)  
FROM orders WHERE YEAR(orderdate) = 2004  
GROUP BY dayofmonth  
ORDER BY dayofmonth;
```