

SQL WORKSHEET 4

1. `results=cursor.execute("SELECT AVG(orderNumber) FROM orders GROUP BY shippedDate")`
`print('Average orders = ',results.fetchall())`
2. `results=cursor.execute("SELECT AVG(orderNumber) FROM orders GROUP BY orderDate")`
`print('Average orders = ',results.fetchall())`
3. `results=cursor.execute("Select productName FROM products WHERE MSRP=(SELECT MIN (MSRP) FROM products) ")`
`print('MIN = ',results.fetchone())`
4. `results=cursor.execute("Select productName FROM products WHERE quantityInStock=(SELECT MAX (quantityInStock) FROM products) ")`
`print('Max = ',results.fetchone())`
5. `results=cursor.execute(" SELECT productName from products WHERE productCode=(SELECT productCode FROM orderdetails GROUP BY 'productCode' ORDER BY COUNT('quantityOrdered') DESC LIMIT 1) ")`
`print('Max = ',results.fetchone())`
6. `results=cursor.execute(" SELECT customerName from customers WHERE customerNumber = (SELECT customerNumber from payments WHERE amount = (SELECT MAX (amount) FROM payments))")`
`print('Max amount paid by = ',results.fetchone())`
7. `results=cursor.execute("SELECT customerNumber, customerName FROM customers WHERE city='Melborune' ")`
`print('From Melbourne = ',results.fetchall())`
8. `results=cursor.execute("SELECT customerName FROM customers WHERE customerName LIKE 'N%'")`
`print(' Customers with names starting with N = ',results.fetchall())`
9. `results=cursor.execute("SELECT customerName FROM customers WHERE phone LIKE '7%' AND city='Las Vegas'; ")`
`print('Customer Name = ',results.fetchall())`
10. `results=cursor.execute("SELECT customerName FROM customers WHERE creditLimit>1000 AND city = 'Las Vegas' or city = 'Nantes' or city = 'Stavern'; ")`
`print('Customer Name = ',results.fetchall())`
11. `results=cursor.execute("SELECT orderNumber FROM orderdetails WHERE quantityOrdered < 10; ")`
`print('Customer Name = ',results.fetchall())`
12. `results=cursor.execute("SELECT orderNumber from orders where customerNumber=(SELECT customerNumber from customers WHERE customerName LIKE 'N%'")`
`print('Order Number = ',results.fetchall())`
13. `results=cursor.execute("SELECT customerName from customers where customerNumber=(SELECT customerNumber from orders WHERE status='Disputed')")`
`print('Customer Name = ',results.fetchall())`
14. `results=cursor.execute("SELECT customerName FROM customers WHERE customerNumber=(SELECT customerNumber FROM payments WHERE checkNumber LIKE 'H%' AND paymentDate = '2004-10-19');")`
`print('Customer Name = ',results.fetchall())`
15. `results=cursor.execute("SELECT checkNumber FROM payments WHERE amount > 1000 ")`
`print('Check Number = ',results.fetchall())`