

## WORKSHEET 4 SQL

- 1) `SELECT avg(a.num) from (SELECT count(orderNumber) as num FROM Orders o GROUP BY o.shippedDate) a;`
- 2) `SELECT avg(b.num) from (SELECT count (orderNumber) as num FROM Orders o GROUP BY o.orderDate) b;`
- 3) `SELECT productName,MSRP FROM Products where MSRP=(SELECT MIN(MSRP) from Products);`
- 4) `SELECT productName,MSRP FROM Products where quantityInStock=(SELECT MAX(quantityInStock) from Products);`
- 5) `SELECT p.productName from Products p INNER JOIN ordersdetails o ON p.productCode=o.productCode group by p.productCode order by sum(o.quantityOrdered) desc limit 1`
- 6) `SELECT c.cname, count(m.mid) from ((prod p Inner join movies m On m.mid=p.mid)Inner join country c ON c.cid=p.cid) group by c.cname order by count(m.mid) desc limit 1`
- 7) `SELECT customerNumber,customerName from Customers where city='Melbourne';`
- 8) `SELECT customerName from Customers where customerName LIKE 'N%';`
- 9) `SELECT 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 o INNER JOIN Customers c ON  
o.customerNumber=c.customerNumber where c.customerName LIKE 'N%';
- 13) SELECT c.customerName from Customers c INNER JOIN Orders o ON  
c.customerNumber=o.customerNumber where o.status='Disputed';
- 14) SELECT customerName from Customers c INNER JOIN Payments p ON  
c.customerNumber=p.customerNumber where checkNumber LIKE 'H%' and  
paymentDate='2004-10-19';
- 15) SELECT checkNumber from Payments where amount>1000;