**SQL – WORKSHEET 4 ANSWERSHEET**

1. CREATE VIEW totalshippedforday

AS SELECT shippedDate, COUNT (DISTINCT customer\_Number),

AVG (orderNumber), SUM (orderNumber)

FROM orders GROUP BY shippedDate;

1. CREATE VIEW totalorderforday

AS SELECT orderDate, COUNT (DISTINCT customer\_Number),

AVG (orderNumber), SUM (orderNumber)

FROM orders GROUP BY orderDate;

1. SELECT productName, MSRP FROM products

WHERE MSRP = (SELECT MIN(MSRP) FROM products);

1. SELECT productName, quantityInStock FROM products

WHERE quantityInStock = (SELECT MAX (quantityInStock) FROM products);

1. SELECT p.`productCode`, p.`productName`, SUM(o.`quantityOrdered`) AS quantity

FROM `Orderdetails` AS o

INNER JOIN `Products` AS p

ON o.`productCode` = p.`productCode`

GROUP BY o.`productCode`

ORDER BY SUM(o.`quantityOrdered`) DESC, p.`productName` ASC

LIMIT 3

1. SELECT p.`customerNumber`, c.`customerName`, MAX(p.`amount`) AS PayAmount

FROM ‘payments’ AS p

INNER JOIN `customers` AS c

ON c.`customerNumber` = p.`customerNumber`

GROUP BY p.`customerNumber`

1. SELECT customerNumber,customerName FROM customers where city=' Melbourne';
2. SELECT customerName

FROM customers

WHERE customerName LIKE 'N%';

1. SELECT customerName

FROM customers

WHERE phone regexp '^7. \*’ AND city= ‘LasVegas’;

1. SELECT customerName

FROM customers

WHERE creditLimit<1000 AND city IN (‘Las Vegas’, ‘Nantes’,’Stavern’);

1. SELECT orderNumber

FROM orderdetails

WHERE quantityOrdered <10;

1. SELECT o.`orderNumber`, c.`customerName`

FROM ‘order’ AS o INNER JOIN `customers` AS c

ON c.`customerNumber` = o.`customerNumber`

WHERE customerName LIKE 'N%';

1. SELECT c.`customerName’,o.’status’

FROM `customers` AS c INNER JOIN ‘order’ AS o

ON c.`customerNumber` = o.`customerNumber`

WHERE status LIKE ' Disputed ';

1. SELECT c.`customerName`,

FROM `customers` AS c INNER JOIN ‘payment’ AS p

ON c.`customerNumber` = p.`customerNumber`

WHERE checkNumber LIKE 'H% ' AND paymentDate LIKE #19/10/2004#;

1. SELECT checkNumber

FROM payments

WHERE amount >1000;