**WORKSHEET 4 SQL**

1. Write a SQL query to show average number of orders shipped in a day (use Orders table).

SELECT shippedDate, AVG (orderNumber)

FROM Orders

GROUP BY ShippedDate;

1. Write a SQL query to show average number of orders placed in a day.

SELECT OrderDate, AVG (orderNumber)

FROM Orders

GROUP BY orderDate;

1. Write a SQL query to show the product name with minimum MSRP (use Products table).

SELECT productname, MIN(MSRP)

FROM product;

1. Write a SQL query to show the product name with maximum value of stockQuantity.

SELECT productname, MAX (stockQuantity)

FROM products;

1. Write a query to show the most ordered product Name (the product with maximum number of orders).

SELECT productname, MAX (quantityordered)

FROM orderdetails

INNER JOIN products

ON orderdetails.productcode = products.productcode

1. Write a SQL query to show the highest paying customer Name.

SELECT customername, MAX (amount)

FROM payments

INNER JOIN customers

ON payments.customerNumber=customers.customerNumber

1. Write a SQL query to show cutomerNumber, customerName of all the customers who are from Melbourne city.

SELECT customerNumber, customerName

FROM customers

WHERE city=’Melborne City’;

1. Write a SQL query to show name of all the customers whose name start with “N”.

SELECT customername

FROM customers

WHERE customername LIKE ‘N%’

1. Write a SQL query to show name of all the customers whose phone start with ‘7’ and are from city ‘Las Vegas’.

SELECT customerName

FROM customers

WHERE phone LIKE ‘7\_’ AND city=’LasVegas’

1. Write a SQL query to show name of all the customers whose creditLimit < 1000 and city is either “Las Vegas” or ”Nantes” or “Stavern”.

SELECT customerName

FROM customers

WHERE creditLimit<1000 AND city IN (“Las Vegas “,” Nantes”,” Stavern”)

1. Write a SQL query to show all the orderNumber in which quantity ordered <10.

SELECT orderNumber

FROM orderdetails

WHERE quantityordered<10

1. Write a SQL query to show all the orderNumber whose customer Name start with letter ‘N’**.**

SELECT ordernumber

FROM orders

WHERE customername LIKE ‘N%’

INNER JOIN customer

ON orders.customerNumber = customer.customerNumber

1. Write a SQL query to show all the customerName whose orders are “Disputed” in status.

SELECT customerName

FROM customers

WHERE status=’Distrupted’

INNER JOIN orders

ON customers.customerNumber = orders.customerNumber

1. Write a SQL query to show the customerName who made payment through cheque with checkNumber starting with H and made payment on “2004-10-19”.

SELECT customerName

FROM customers

WHERE checkNumber LIKE ‘H%’ AND paymentDate=’2004-10-19’

INNER JOIN payments

ON customers.customerNumber = payments.customerNumber;

1. Write a SQL query to show all the checkNumber whose amount > 1000

SELECT checkNumber

FROM payments

Where amount>1000;