**SQL – WORKSHEET 4**

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

Answer: SELECT AVG(shippedate) FROM order

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

Answer: SELECT productName, MSRP FROM products WHERE MSRP=(SELECT min(MSRP) FROM products);

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

Answer: SELECT productName, quantityInStock FROM products WHERE quantityInStock=(SELECT max(quantityInStock) FROM products);

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

Answer: SELECT productName FROM products WHERE quantityInStock=(SELECT max(quantityInStock) FROM products);

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

Answer: SELECT customerName FROM customers outer JOIN SELECT amount FROM payments WHERE amount=(SELECT max(amount) FROM payments);

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

Answer:

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

Answer: SELECT customerNumber,customerName FROM customers WHERE city= “Melbourne”;

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

Answer: SELECT customerName FROM customer customerName LIKE “N%”

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

Answer: SELECT customerName FROM customers WHERE phone like “^7.\*%” AND city= “Las Vegas”;

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

Answer: SELECT customerName FROM customers WHERE(city=” Las Vegas” OR city=” Nantes” OR city=” Stavern”) AND creditLimit < 1000;

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

Answer: SELECT orderNumber FROM orderDetails WHERE quantityOrdered < 10;

12. Write a SQL query to show all the orderNumber whose customer Name start with letter N.

Answer: SELECT customerName FROM customers WHERE customerName like “N%”;

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

Answer: SELECT customerName FROM customers inner JOIN SELECT status FROM orders(status=disputed)

14. 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”.

Answer: SELECT customerName WHERE DATE(paymemtDate) = “2004-10-19” chequeNumber LIKE “H%”

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

Answer: SELECT checkNumber FROM payments WHERE amount > 1000;