SQL ASSIGNMENT-4

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

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

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

Ans-SELECT productName,MSRP

FROM products

WHERE MSRP=

(SELECT MIN (MSRP) FROM Products);

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

Ans-SELECT productName,quantityInStock

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).

Ans-SELECT productName,quantityOrdered

FROM orderDetails

WHERE quantityOrdered =

(SELECT MAX (quantityOrdered) FROM orderDetails);

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

Ans- SELECT \*

FROM Payments

WHERE amount IN

(WHERE max (amount)

FROM Payments

(WHERE CustomerNumber IN

SELECT CustomerName

FROM Customers));

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

Ans- 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”.

Ans- SELECT \*

FROM Customers

WHERE 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’.

Ans- 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”.

Ans- SELECT CustomerName

FROM Customers

WHERE creditlimit <1000

AND city=“Las Vegas” OR city=”Nantes” OR city=” Stavern”;

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

Ans- SELECT orderNumber

FROM orderdetails

WHERE quantity ordered <10

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

Ans- SELECT o.orderNumber

FROM orders o

LEFT JOIN customers c

ON c.customerNumber =o.customerNumber

WHERE c.customerName LIKE ‘N%’

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

Ans- SELECT CustomerNumber

FROM orders

( WHERE status=’Disputed’

FROM orders

(WHERE CustomerNumber IN

SELECT CustomerName

FROM Customers));

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”.

Ans- SELECT CustomerNumber

FROM payments

WHERE checkNumber LIKE ‘H%’

AND PaymentDate=2004-10-19

FROM payments

(WHERE CustomerNumber IN

SELECT CustomerName

FROM Customers));

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

Ans-SELECT checkNumber

FROM payments

WHERE amount >1000 ;