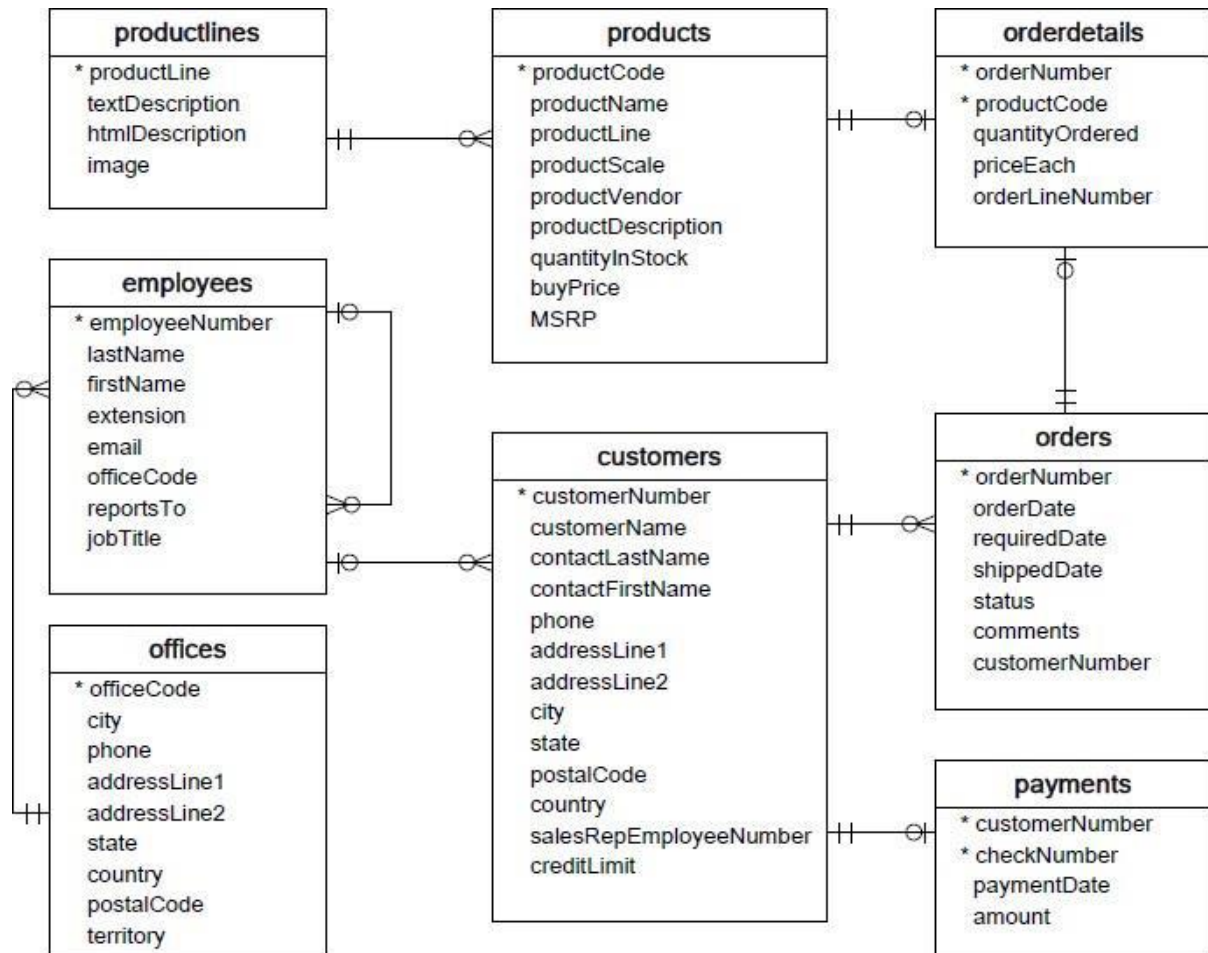


SQL WORKSHEET – 4



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

Ans: Select Avg(orderdetails.quantityOrdered)

FROM orders

INNER JOIN orderdetails

ON orders.orderNumber = orderdetails.orderNumber.

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

Ans: Select Avg(orderdetails.quantityOrdered)

From orders

INNER JOIN orderdetails

ON orders.orderNumber = orderdetails.orderNumber

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

Ans: Select MIN(MSRP) from products

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

Ans: 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 from products

INNER JOIN orderdetails

ON products.productCode = orderdetails.productCode

ORDER BY productName

LIMIT 1

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

Ans: Select customers.customerName,(orderdetails.productCode *
orderdetails.priceEACH) AS Total

From orders

INNER JOIN orderdetails

ON orders.orderNumber = orderdetails.orderNumber

INNER JOIN customers

ON customers.customerNumber = orders.customerNumber

ORDER BY Total DESC

LIMIT 1;

- 7. Write a SQL query to show customerNumber, 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 customerName from customers
WHERE name 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 * 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 quantityOrdered < 10

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

Ans: Select customers.customerName, orders.customerNumber
From orders
INNER JOIN customers
ON orders.customerNumber = customers.customerNumber
WHERE customerName LIKE "N% "

- 13. Write a SQL query to show all the customerName whose orders are "Disputed" in status.**

Ans: Select customers.customerName, orders.status
FROM orders
INNER JOIN customers

ON orders.customerNumber = customers.customerNumber
WHERE 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".**

Ans: Select customers.customerName

From customers

INNER JOIN payments

ON customers.customerNumber = payments.customerNumber

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

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

Ans: Select checkNumber from payments

WHERE amount > 1000