

Worksheet_set3_sql

1. create table customers (customerNumber integer PRIMARY KEY,

customerName varchar(30),

customerLastName varchar(30),

customerFirstName varchar(30),

phone int,

addressLine1 varchar(50),

addressline2 varchar(50),

city varchar(30),

state varchar(30),

postalCode int,

country varchar(30),

salesRepEmployeeNumber int,

creditLimit int,

salesRepEmployeeNumber int,

FOREIGN KEY(salesRepEmployeeNumber) REFERENCES
employees(employeeNumber));

2. create table orders(

orderNumber int,

orderdate Date,

requiredDate Date,

shippedDate Date,

status varchar(20),

comments varchar(30),

customerNumber int,

FOREIGN KEY(customerNumber) REFERENCES customers(customerNumber));

3.select * from orders ;

- 4.select comments from orders;
- 5.select orderDate,count(orderNumber) from orders groupby orderDate;
- 6.select employeeNumber,lastName,firstName from employees;
- 7.select orderName,customerName inner join customers on
orders.customerNumber=customers.customerNumber order by orderNumber;
8. select customersName, salesRepEmployeeNumber from employees;
9. SELECT paymentDate, sum(amount) from payments group by paymentDate;
- 10.SELECT productName, MSRP, productDescription from products;
11. SELECT productName, productDescription, COUNT(*) FROM products GROUP BY
productName ORDER BY productName;
12. select city from orders inner join customer on city.customernumber
=customers.customerNumber group by city Order by count(orderNumber) desc limit3;
13. select state from customers group by state Order by Count(customerNumber) desc limit
3;
14. SELECT employeeNumber, concat(lastName,firstName) as FullName from employees;
15. SELECT orderNumber, customerName, SUM(priceEach * quantityOrdered) total FROM
orderDetails INNER JOIN customers USING (productCode) GROUP BY productCode
ORDER BY total;