Worksheet_set_3 (SQL) Name: Prashant Pathak(Internship33)

1. CREATE TABLE customers (

customerNumber int NOT NULL PRIMARY KEY,

customerName varchar(255) NOT NULL,

contactLastName varchar (255) NOT NULL,

contactFirstName varchar(255) NOT NULL,

phone int NOT NULL,

addressLine1 varchar(255) NOT NULL,

addressLine2 varchar(255) NOT NULL,

city varchar(20) NOT NULL,

state varchar(20) NOT NULL,

postalCode int NOT NULL,

country varchar(20) NOT NULL,

salesRepEmployeeNumber int NOT NULL,

creditLimit int NOT NULL,

FOREIGN KEY (salesRepEmployeeNumber) REFERENCES employees (employeeNumber) ON DELETE CASCADE

);

2. CREATE TABLE orders(

orderNumber int NOT NULL PRIMARY KEY,

orderDate timestap NOT NULL,

requiredDate timestamp NOT NULL,

shippedDate timestamp NOT NULL,

comments varchar(255) NOT NULL,

customerNumber int NOT NULL,

FOREIGN KEY (orderNumber) REFERENCES orderdetails(orderNumber) ON DELETE CASCADE

FOREIGN KEY (customerName) REFERENCES customers(CustomerName) ON DELETE CASCADE

);

3. select * from Orders;

4. select comments from orders;

5. select orderDate,COUNT(*) from orders GROUP BY orderDate;

6. select employeeNumber, lastName, firstName from employees;

7. select orders.orderNumber,customers.customerName from orders,employees ORDER BY orderNumber ASC;

8. select customers.CustomerName AS “CustomerName, CONCAT(employees.firstName,’ ’,employees.lastName) salesrepName from customer,employees;

9. select paymentDate,sum(amount) from payments GROUP BY paymentDate;

10. select productName,productDescription,MSRP from products;

11. select products.productName, products.productDescription from products where max(count(productCode));

12. select customers.city from customers where max(count(DISTINCT orders.orderNumber));

13. select state from customers where max(count(state));

14. select employeeNumber, CONCAT(firstName,’ ’,lastName) EmployeeName from employees;

15. SELECT orders.orderNumber, customers.customerName, payments.amount from orders, customers, payments;