WORKSHEET 3 SQL

1. Write SQL query to create table Customers.

import sqlite3

dbcom=sqlite3.connect('ERD.db')

cur=dbcom.cursor()

cur.execute('create table Customer(Cutomer\_No,Cust\_name,contactlastname,contactfirstname,phone,addline1,addline2,city,state,postalcode,country,salesrep,creditlimit)')

1. Write SQL query to create table Orders.

cur.execute('create table Customers(Cutomer\_No int,Cust\_name text,contactlastname text,contactfirstname text,phone int,addline1 text,addline2 text,city text,state text,postalcode int,country text,salesrep text,creditlimit float)')

1. Write SQL query to show all the columns data from the Orders Table

cur.execute('create table order(Order\_No int primary key,order\_dt date,reqd\_date date,Shipped\_dt date,status text, comments text,cust\_number)')

1. Write SQL query to show all the comments from the OrdersTable

res=cur.execute('select comments from order')

res.fetchall()

1. Write a SQL query to show orderDate and Total number of orders placed on that date, from Orderstable

res=cur.execute('select orderdate from order where ')

res.fetchall()

1. Write a SQL query to show employeNumber, lastName, firstName of all the employees from employees table.

res=cur.execute('select employeeNumber, lastName, firstName from employees ')

res.fetchall()

1. Write a SQL query to show all orderNumber, customerName of the person who placed the respective order

res=cur.execute('select \* from order for orderNumber and customerName.')

res.fetchall()

1. Write a SQL query to show name of all the customers in one column and salerepemployee name inanother column

res=cur.execute('select customer name from customers)

res.fetchall()

res=cur.execute(‘select salerepemployee name from customers)

res.fetchall()

1. Write a SQL query to show Date in one column and total payment amount of the payments made on that date from the payments table.

res.cur(‘select Date and amount from payments)

res.fetchall()

1. Write a SQL query to show all the products productName, MSRP, productDescription from the products table.

Res.cur(‘select \* from products’)

Res.fetchall()

1. Write a SQL query to print the productName, productDescription of the most ordered product

Res.cur(‘select max(productName) and productDescription from products’)

Res.fetchall()

1. Write a SQL query to print the city name where maximum number of orders were placed

Res.cur(‘select max(orders) from products where max(city’)

Res.fetchall()

1. Write a SQL query to get the name of the state having maximum number of customers.

Res.cur(‘select max(state) from customers’)

Res.fetcall()

1. Write a SQL query to print the employee number in one column and Full name of the employee in the second column for all the employees.

Res.cur(“select employeenumber and firstName,lastname from employees’)

Res.fetcall()

1. Write a SQL query to print the orderNumber, customer Name and total amount paid by the customer for that order (quantityOrdered × priceEach