

Worksheet sql 3

1. Write SQL query to create table Customers

Answer: -

```
CREATE TABLE Costumers (  
    CostumerNumber int AUTO_INCREMENT PRIMARY KEY,  
    costumerName varchar(255),  
    costumerLastName varchar(255),  
    conatactFirstName varchar(255),  
    Phone Int(10),  
    AddressLine1 varchar(255),  
    AddressLine2 varchar(255),  
    City varchar(255),  
    State varchar(255),  
    PostalCode varchar(255),  
    Country varchar(255),  
    SalesEmployeeNumber varchar(255),  
    CreditLimit int(10),  
);
```

2. Write SQL query to create table Orders.

Answer: -

```
CREATE TABLE Order (  
    OrderNumber int AUTO_INCREMENT PRIMARY KEY,  
    OrderDate Date,  
    RequiredDate Date  
    ShippedDate Date,  
    Status varchar(255),  
    Comments varchar(255),  
    CostumerNumber INT(10),  
);
```

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

Answer: -

```
SELECT * FROM Order TABLE;
```

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

Answer: -

```
SELECT comments FROM Order TABLE;
```

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

Answer: -

```
SELECT COUNT(*) FROM orders WHERE ord_date='2022-08-10';
```

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

Answer: -

```
SELECT employeeNumber, lastName, firstName FROM employees TABLE;
```

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

Answer: -

```
SELECT Orders.orderNumber Customers.CustomerName, Orders.OrderDate
FROM Orders INNER JOIN Customers ON
orders.orderNumber=customers.customerNumber;
```

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

Answer: -

```
SELECT productName, MSRP, productDescription FROM products TABLE;
```

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

Answer: -

```
SELECT product.`productName`, product.`Description`, SUM(o.`quantity`) AS quantity
FROM `Order_Detail` AS o
    INNER JOIN `Product` AS p
    ON o.`product_id` = p.`product_id`
GROUP BY o.`product_id`
ORDER BY SUM(o.`quantity`) DESC, p.`name` ASC
LIMIT 3
```

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

Answer: -

```
select city,count(OrderNumber) as NoOfOrders from order.orderDetails
group by CustomerId order by NoOfOrders desc
```