Please visit below website and start performing queries as per question given below. This website is SQL editor of W3 and has its own databases.

https://www.w3schools.com/sql/trysql.asp?filename=trysql_asc

Paste your answer (i.e query and NOT output) to the respective question.

Question 1: Find Top 5 Product based on their SaleValue for the Month of August in Year 1996
Answer:

```
SELECT ProductName, Price, OrderDate
FROM OrderDetails
INNER JOIN Products
ON Products.ProductID = OrderDetails.ProductID
INNER JOIN Orders
ON OrderDetails.OrderID = Orders.OrderID
WHERE OrderDate BETWEEN '1996-08-01' AND '1996-09-01'
ORDER BY Price DESC
LIMIT 5;
```

Question 2: Find Top 5 Product based on their SaleValue. Display all information of Product including category details, supplier details and TotalSalesValue(Exclude all Id columns except for Product).
Answer:

```
SELECT
ProductID,ProductName,Unit,Price,CategoryName,Description,SupplierName,ContactName,
Address,City,PostalCode,Country,Phone
FROM Products
INNER JOIN Categories
ON Categories.CategoryID = Products.CategoryID
INNER JOIN Suppliers
ON Suppliers.SupplierID = Products.SupplierID
ORDER BY PRICE DESC
LIMIT 5;
```

Question 3: Find Top 5 Supplier based on their Sales Value. Display all Information of supplier and their sale value.
Answer:

```
SELECT
Suppliers.SupplierID,SupplierName,ContactName,Address,City,PostalCode,Country,Phone
,Price
FROM Suppliers
INNER JOIN Products
ON Products.SupplierID = Suppliers.SupplierID
```

```
ORDER BY Price DESC
LIMIT 5;
```

Question 4: Find Top 5 Employees based on number of order they handled. Display all information of employees with order count.
Answer:

```
SELECT Employees.EmployeeID,LastName,FirstName,BirthDate,Photo,Notes,SUM(Quantity)
AS OrderCount
FROM Employees
INNER JOIN Orders
ON Employees.EmployeeID = Orders.EmployeeID
INNER JOIN OrderDetails
ON Orders.OrderID = OrderDetails.OrderID
GROUP BY Employees.EmployeeID
ORDER BY SUM(Quantity) DESC
LIMIT 5;
```

Question 5: Find all information of shippers with their order delivery count.
Answer:

```
SELECT Shippers.ShipperID,ShipperName,Phone, SUM(Quantity) AS OrderCount
FROM Shippers
INNER JOIN orders
ON Shippers.ShipperID = Orders.ShipperID
INNER JOIN OrderDetails
On Orders.OrderID = OrderDetails.OrderID
GROUP BY Shippers.ShipperID
ORDER BY SUM(Quantity) DESC;
```

Question 6: Find Top 5 Customers for Beverages based on their total purchase value.
Answer:

```
SELECT
Customers.CustomerID,CustomerName,ContactName,Address,City,PostalCode,Country,SUM(Price) as TotalPurchase
FROM OrderDetails
INNER JOIN Products
ON Products.ProductID = OrderDetails.ProductID
INNER JOIN Categories
ON Products.CategoryID = Categories.CategoryID
INNER JOIN Orders
ON Orders.OrderID = OrderDetails.OrderID
INNER JOIN Customers
ON orders.CustomerID = Customers.CustomerID
WHERE CategoryName = 'Beverages'
GROUP BY Customers.CustomerID
```

```
ORDER BY SUM(Price) DESC
LIMIT 5;
```

Question 7: Find Top 5 Customers based on their total purchase value.
Answer:

```
SELECT
Customers.CustomerID,CustomerName,ContactName,Address,City,PostalCode,Country,SUM(P
rice) as TotalPurchase
FROM OrderDetails
INNER JOIN Products
ON Products.ProductID = OrderDetails.ProductID
INNER JOIN Categories
ON Products.CategoryID = Categories.CategoryID
INNER JOIN Orders
ON Orders.OrderID = OrderDetails.OrderID
INNER JOIN Customers
ON orders.CustomerID = Customers.CustomerID
GROUP BY Customers.CustomerID
ORDER BY SUM(Price) DESC
LIMIT 5;
```