Queries for Project

Query 1: This query will list out the top 20 customers who have the highest expenditure i.e. the customers who have spent the most.
Query:

```
SELECT Customers.ContactName ,SUM(unitprice*quantity) as Expenditure
FROM orderdetails
JOIN orders
on OrderDetails.OrderID = Orders.orderID
JOIN customers
ON Orders.CustomerID  = Customers.CustomerID
GROUP BY customers.ContactName ORDER BY Expenditure DESC LIMIT 20;
```

Query 2: In this query we have listed out the sales of each courier service and for visualization we have divided the individual sales of each courier service by country names
Query:

```
SELECT Customers.ContactName, Customers.Country,Shippers.CompanyName, SUM(OrderDetails.Quantity *
OrderDetails.UnitPrice) totalsales
FROM Customers
JOIN Orders
on Customers.CustomerID = Orders.CustomerID
JOIN OrderDetails
on Orders.OrderId = OrderDetails.OrderID
JOIN Shippers
on Orders.ShipVia = Shippers.ShipperID
GROUP BY 1,2,3
ORDER BY 1,4 DESC;
```

Query 3: In this query we are lisiting out the suppliers with their total sales and unit quantity of each item.

```
SELECT Suppliers.companyName, SUM((Products.unitsinstock+Products.unitsonorder)*products.unitprice) as
Totalcost, SUM(Products.unitsinstock+Products.unitsonorder) as Totalunit
FROM products
JOIN suppliers
ON products.supplierid=suppliers.supplierid
GROUP BY 1 ORDER BY 2 DESC;
```

Query 4: List of countries from where a particular employee takes an order for a particular product.

```
select Customers.Country , COUNT(customers.country) CountValue
from Customers
JOIN Orders
on Orders.CustomerID =Customers.CustomerID
JOIN Employees
on Orders.EmployeeID = Employees.EmployeeID
JOIN OrderDetails
on OrderDetails.OrderID = Orders.OrderId
where Orders.OrderId in(
```

```
select Orders.OrderId
from Orders
join OrderDetails
on Orders.OrderId = OrderDetails.OrderID
join Products
on Products.ProductID = OrderDetails.ProductID
WHERE Products.ProductName = "Gnocchi di nonna Alice")
AND Employees.FirstName = "Andrew" and Employees.LastName = "Fuller"
GROUP BY 1;
```