2. SQL

```
----------------------------------------------
-- Task # 1
-- Write a query to return shipper performance
-- This will tell us how much we're using each shipper
-- Tables involved: StoreSample database. Shippers, Orders, and OrderDetails tables
-- No Discount for TotalCostShipped
-- Desired output:
```

```sql
SELECT Sales.Shippers.companyname AS CompanyName, sum(freight) AS TotalFreight,
sum(unitprice * qty) AS TotalCostShipped, sum(qty) AS TotalItemsShipped
FROM Sales.Orders
INNER JOIN Sales.Shippers ON
Sales.Orders.shipperid = Sales.Shippers.shipperid
INNER JOIN Sales.OrderDetails ON
Sales.Orders.orderid = Sales.OrderDetails.orderid
GROUP BY Sales.Shippers.companyname Order By Sales.Shippers.companyname ASC
```

```
SELECT Sales.Shippers.companyname AS CompanyName, sum(freight) AS TotalFreight, sum(unitprice * qty) AS TotalCostShipped, sum(qty) AS TotalItemsShipped
FROM Sales.Orders
INNER JOIN Sales.Shippers ON
Sales.Orders.shipperid = Sales.Shippers.shipperid
INNER JOIN Sales.OrderDetails ON
Sales.Orders.orderid = Sales.OrderDetails.orderid
GROUP BY Sales.Shippers.companyname Order By Sales.Shippers.companyname ASC
```

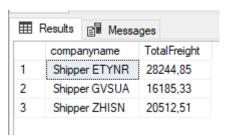|	CompanyName	TotalFreight	TotalCostShipped	TotalItemsShipped
1	Shipper ETYNR	91569,81	572724,58	19945
2	Shipper GVSUA	52291,15	373983,19	15919
3	Shipper ZHISN	63445,14	407750,82	15453

Aquí se me presenta una pequeña dificultad al momento de calcular el TotalFreight, hice varios intentos en formas sencillas y no encontré solución, quizás con otros métodos su solución sería mas fácil pero no quise complicar el ejercicio ni molestar al encargado por la hora para hacer la pregunta, pero en esa caso solo seria ahí.

⊞ Results	🗐 Messages	
	companyname	TotalFreight
1	Shipper ETYNR	28244,85
2	Shipper GVSUA	16185,33
3	Shipper ZHISN	20512,51

La solución solo consultando Orders y Shippers es sencilla.

```sql
SELECT Sales.Shippers.companyname,sum(freight) AS TotalFreight
FROM Sales.Orders
INNER JOIN Sales.Shippers ON
Sales.Orders.shipperid = Sales.Shippers.shipperid
GROUP BY companyname
```