

Command:

Create View CustOrderItems as

Select CustFirstName, CustLastName, OrderNumber, OrderDate, ShipDate,
SUM(QuantityOrdered*QuotedPrice) as ItemTotal

From Customers c Natural Join Orders o Natural Join order_details d

group by OrderNumber;

(added group part to ensure “item total” calculated total item cost for that order)

screenshot:

The screenshot shows the phpMyAdmin interface. The top navigation bar includes links for Browse, Structure, SQL, Search, Insert, Export, Import, Privileges, Operations, Tracking, and Triggers. The left sidebar shows a tree view of databases, with 'salesordersexample' selected. The main panel displays a SQL query that creates a view named 'CustOrderItems' using a SELECT statement with a SUM function and a GROUP BY clause. Below the query, a message indicates that the query returned an empty result set. The bottom section shows the results of a query executed against the 'custorderitems' view, displaying 20 rows of data with columns: CustFirstName, CustLastName, OrderNumber, OrderDate, ShipDate, and ItemTotal.

```
CREATE VIEW CustOrderItems AS SELECT CustFirstName, CustLastName, OrderNumber, OrderDate, ShipDate, SUM(QuantityOrdered * QuotedPrice) AS ItemTotal FROM Customers c NATURAL JOIN Orders o NATURAL JOIN order_details d GROUP BY OrderNumber;
```

Showing rows 0 - ... (Query took 0.0605 seconds.)

```
SELECT * FROM `custorderitems`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Number of rows: 500 Filter rows: Search this table

CustFirstName	CustLastName	OrderNumber	OrderDate	ShipDate	ItemTotal
David	Smith	1	2012-09-01	2012-09-04	12751.85
Suzanne	Viescas	2	2012-09-01	2012-09-03	816.00
William	Thompson	3	2012-09-01	2012-09-04	11912.45
Andrew	Cencini	4	2012-09-01	2012-09-03	6601.73
Mark	Rosales	5	2012-09-01	2012-09-01	5544.75
Sam	Abolrous	6	2012-09-01	2012-09-05	9820.29
Suzanne	Viescas	7	2012-09-01	2012-09-04	467.85
Gary	Hallmark	8	2012-09-01	2012-09-01	1492.60
Mariya	Sergienko	9	2012-09-01	2012-09-04	69.00
Liz	Keyser	10	2012-09-01	2012-09-04	2607.00
Joyce	Bonnicksen	11	2012-09-02	2012-09-04	11070.65
Mark	Rosales	12	2012-09-02	2012-09-05	72.00
Mark	Rosales	13	2012-09-02	2012-09-02	7545.00
Rachel	Patterson	14	2012-09-02	2012-09-03	6819.90
Robert	Brown	15	2012-09-02	2012-09-06	2974.25
Suzanne	Viescas	16	2012-09-02	2012-09-06	2007.54
Sam	Abolrous	17	2012-09-02	2012-09-03	4834.98
Jim	Wilson	18	2012-09-02	2012-09-03	807.80
Luke	Patterson	19	2012-09-02	2012-09-06	15278.98
Alonso	Hallmark	20	2012-09-02	2012-09-02	4699.98