Task P7.1.5

a) Create a view that joins the tables Customers, Orders and Order_Details and name it CustOrderItems.
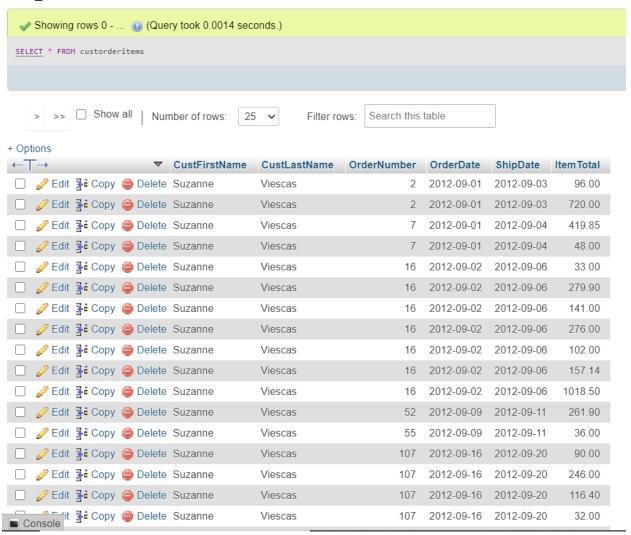
Without Creating view

SELECT Customers.CustFirstName, Customers.CustLastName, orders.OrderNumber, orders.OrderDate, orders.ShipDate, order_details.QuotedPrice * order_details.QuantityOrdered as ItemTotal FROM customers JOIN orders ON customers.CustomerID = orders.CustomerID JOIN order_details ON orders.OrderNumber = order_details.OrderNumber

With creation of view

CREATE VIEW CustOrderItems AS SELECT Customers.CustFirstName, Customers.CustLastName, orders.OrderNumber, orders.OrderDate, orders.ShipDate, order_details.QuotedPrice * order_details.QuantityOrdered as ItemTotal FROM customers JOIN orders ON customers.CustomerID = orders.CustomerID JOIN order_details ON orders.OrderNumber =

order_details.OrderNumber

				CustFirstName	CustLastName	OrderNumber	OrderDate	ShipDate	ItemTotal
☐	🖉 Edit	Copy	⊘ Delete	Suzanne	Viescas	2	2012-09-01	2012-09-03	96.00
☐	🖉 Edit	Copy	⊘ Delete	Suzanne	Viescas	2	2012-09-01	2012-09-03	720.00
☐	🖉 Edit	Copy	⊘ Delete	Suzanne	Viescas	7	2012-09-01	2012-09-04	419.85
☐	🖉 Edit	Copy	⊘ Delete	Suzanne	Viescas	7	2012-09-01	2012-09-04	48.00
☐	🖉 Edit	Copy	⊘ Delete	Suzanne	Viescas	16	2012-09-02	2012-09-06	33.00
☐	🖉 Edit	Copy	⊘ Delete	Suzanne	Viescas	16	2012-09-02	2012-09-06	279.90
☐	🖉 Edit	Copy	⊘ Delete	Suzanne	Viescas	16	2012-09-02	2012-09-06	141.00
☐	🖉 Edit	Copy	⊘ Delete	Suzanne	Viescas	16	2012-09-02	2012-09-06	276.00
☐	🖉 Edit	Copy	⊘ Delete	Suzanne	Viescas	16	2012-09-02	2012-09-06	102.00
☐	🖉 Edit	Copy	⊘ Delete	Suzanne	Viescas	16	2012-09-02	2012-09-06	157.14
☐	🖉 Edit	Copy	⊘ Delete	Suzanne	Viescas	16	2012-09-02	2012-09-06	1018.50
☐	🖉 Edit	Copy	⊘ Delete	Suzanne	Viescas	52	2012-09-09	2012-09-11	261.90
☐	🖉 Edit	Copy	⊘ Delete	Suzanne	Viescas	55	2012-09-09	2012-09-11	36.00
☐	🖉 Edit	Copy	⊘ Delete	Suzanne	Viescas	107	2012-09-16	2012-09-20	90.00
☐	🖉 Edit	Copy	⊘ Delete	Suzanne	Viescas	107	2012-09-16	2012-09-20	246.00
☐	🖉 Edit	Copy	⊘ Delete	Suzanne	Viescas	107	2012-09-16	2012-09-20	116.40
☐	🖉 Edit	Copy	⊘ Delete	Suzanne	Viescas	107	2012-09-16	2012-09-20	32.00

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b) Using the CustOrderItems view, write a query that shows the orders with customer numbers and order totals in this form

SELECT CustFirstName, CustLastName, OrderNumber, ShipDate, OrderDate,

SUM(ItemTotal) AS OrderTotal FROM custorderitems GROUP by OrderNumber

```sql
SELECT CustFirstName, CustLastName, OrderNumber, ShipDate, OrderDate, SUM(ItemTotal) AS OrderTotal FROM custorderitems GROUP by OrderNumber
```

1 ▾   >   >> | Number of rows: 25 ▾   Filter rows: Search this table

+ Options

CustFirstName	CustLastName	OrderNumber	ShipDate	OrderDate	OrderTotal
David	Smith	1	2012-09-04	2012-09-01	12751.85
Suzanne	Viescas	2	2012-09-03	2012-09-01	816.00
William	Thompson	3	2012-09-04	2012-09-01	11912.45
Andrew	Cencini	4	2012-09-03	2012-09-01	6601.73
Mark	Rosales	5	2012-09-01	2012-09-01	5544.75
Sam	Abolrous	6	2012-09-05	2012-09-01	9820.29
Suzanne	Viescas	7	2012-09-04	2012-09-01	467.85
Gary	Hallmark	8	2012-09-01	2012-09-01	1492.60
Mariya	Sergienko	9	2012-09-04	2012-09-01	69.00
Liz	Keyser	10	2012-09-04	2012-09-01	2607.00
Joyce	Bonnicksen	11	2012-09-04	2012-09-02	11070.65
Mark	Rosales	12	2012-09-05	2012-09-02	72.00
Mark	Rosales	13	2012-09-02	2012-09-02	7545.00
Rachel	Patterson	14	2012-09-03	2012-09-02	6819.90
Robert	Brown	15	2012-09-06	2012-09-02	2974.25
Suzanne	Viescas	16	2012-09-06	2012-09-02	2007.54
Sam	Abolrous	17	2012-09-03	2012-09-02	4834.98
Jim	Wilson	18	2012-09-03	2012-09-02	807.80
Luke	Patterson	19	2012-09-06	2012-09-02	15278.98
Alaina	Hallmark	20	2012-09-02	2012-09-02	4699.98
Sam	Abolrous	21	2012-09-03	2012-09-03	709.97
■ Console	DeGrasse	22	2012-09-07	2012-09-03	6456.16