Fundamentals of Data Management
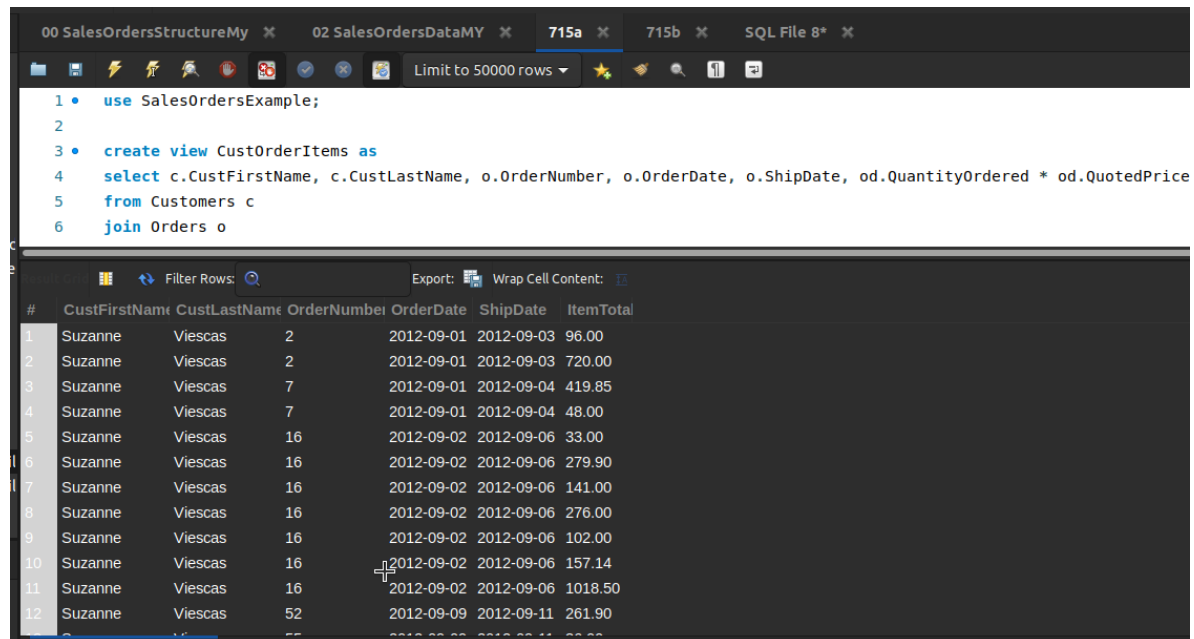
2019HS2 | 101624964 | Jimmy Trac

Pass Task 7.1.5

a)

MySQL Code:

```sql
1   use SalesOrdersExample;
2
3   create view CustOrderItems as
4   select c.CustFirstName, c.CustLastName, o.OrderNumber, o.OrderDate, o.ShipDate, od.QuantityOrdered
    * od.QuotedPrice as ItemTotal
5   from Customers c
6   join Orders o
7   on c.CustomerID = o.CustomerID
8
9   join Order_Details od
10  on o.OrderNumber = od.OrderNumber;
11
12
13  select CustFirstName, CustLastName, OrderNumber, OrderDate, ShipDate, ItemTotal
14  from CustOrderItems;
```


b)

MySQL Code:

```sql
1   use SalesOrdersExample;
2
3   create view CustOrderItems as
4   select c.CustFirstName, c.CustLastName, o.OrderNumber, o.OrderDate, o.ShipDate, od.QuantityOrdered
    * od.QuotedPrice as ItemTotal
```

```
 5   from Customers c
 6   join Orders o
 7   on c.CustomerID = o.CustomerID
 8
 9   join Order_Details od
10   on o.OrderNumber = od.OrderNumber;
11
12
13   select CustFirstName, CustLastName, OrderNumber, OrderDate, ShipDate, sum(ItemTotal) as OrderTotal
14   from CustOrderItems
15   group by OrderNumber;
```

Limit to 50000 rows ▾

```
1 •  use SalesOrdersExample;
2    |
3 •  create view CustOrderItems as
4    select c.CustFirstName, c.CustLastName, o.OrderNumber, o.OrderDate, o.ShipDate, od.QuantityOrdered *
5    from Customers c
6    join Orders o
```

Filter Rows: 🔍   Export: 🔳 Wrap Cell Content: 🔲

#	CustFirstName	CustLastName	OrderNumber	OrderDate	ShipDate	OrderTota
1	David	Smith	1	2012-09-01	2012-09-04	12751.85
2	Suzanne	Viescas	2	2012-09-01	2012-09-03	816.00
3	William	Thompson	3	2012-09-01	2012-09-04	11912.45
4	Andrew	Cencini	4	2012-09-01	2012-09-03	6601.73
5	Mark	Rosales	5	2012-09-01	2012-09-01	5544.75
6	Sam	Abolrous	6	2012-09-01	2012-09-05	9820.29
7	Suzanne	Viescas	7	2012-09-01	2012-09-04	467.85
8	Gary	Hallmark	8	2012-09-01	2012-09-01	1492.60
9	Mariya	Sergienko	9	2012-09-01	2012-09-04	69.00
10	Liz	Keyser	10	2012-09-01	2012-09-04	2607.00
11	Joyce	Bonnicksen	11	2012-09-02	2012-09-04	11070.65
12	Mark	Rosales	12	2012-09-02	2012-09-05	72.00

Result 1 ✕