

# Fundamentals of Data Management

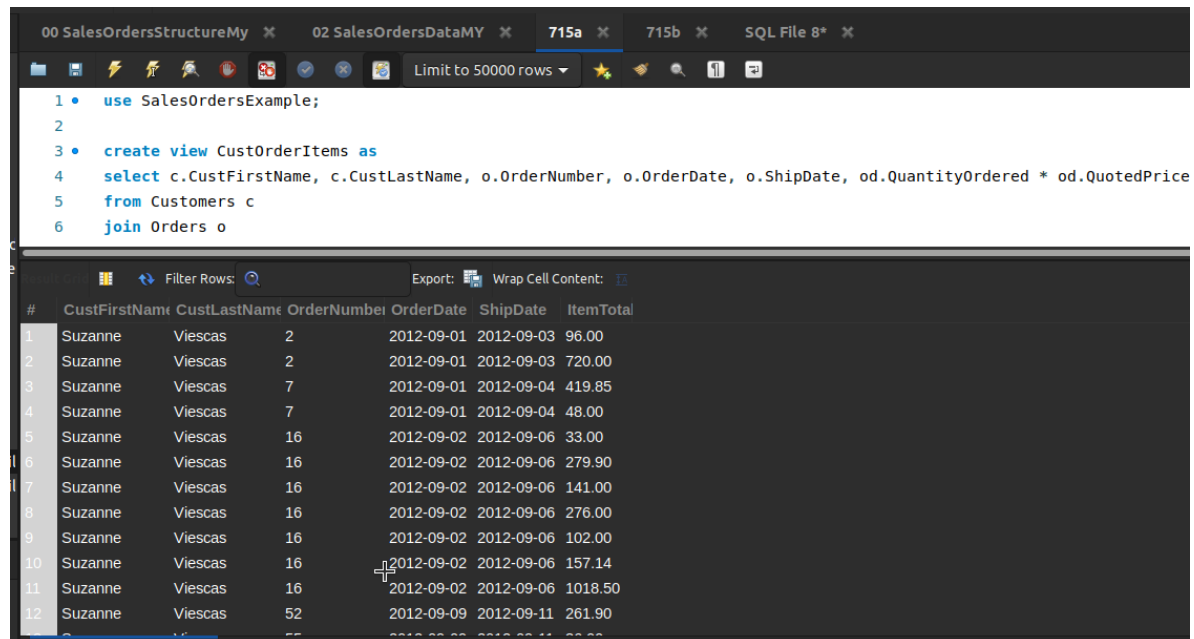
– 2019HS2 | 101624964 | Jimmy Trac

Pass Task 7.1.5

– a)

MySQL Code:

```
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;
```



The screenshot shows a MySQL IDE window with the following tabs: 00 SalesOrdersStructureMy, 02 SalesOrdersDataMY, 715a, 715b, and SQL File 8\*. The SQL editor displays the code from the previous block. Below the editor, the results are shown in a table format. The table has 12 rows and 7 columns: #, CustFirstName, CustLastName, OrderNumber, OrderDate, ShipDate, and ItemTotal. The data is as follows:

#	CustFirstName	CustLastName	OrderNumber	OrderDate	ShipDate	ItemTotal
1	Suzanne	Viescas	2	2012-09-01	2012-09-03	96.00
2	Suzanne	Viescas	2	2012-09-01	2012-09-03	720.00
3	Suzanne	Viescas	7	2012-09-01	2012-09-04	419.85
4	Suzanne	Viescas	7	2012-09-01	2012-09-04	48.00
5	Suzanne	Viescas	16	2012-09-02	2012-09-06	33.00
6	Suzanne	Viescas	16	2012-09-02	2012-09-06	279.90
7	Suzanne	Viescas	16	2012-09-02	2012-09-06	141.00
8	Suzanne	Viescas	16	2012-09-02	2012-09-06	276.00
9	Suzanne	Viescas	16	2012-09-02	2012-09-06	102.00
10	Suzanne	Viescas	16	2012-09-02	2012-09-06	157.14
11	Suzanne	Viescas	16	2012-09-02	2012-09-06	1018.50
12	Suzanne	Viescas	52	2012-09-09	2012-09-11	261.90

– b)

MySQL Code:

```
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;

```

00 SalesOrdersStructureMy x 02 SalesOrdersDataMY x 715a x 715b x SQL File 8\* x

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	OrderTotal
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 x