ITCS393 Database Systems Lab

Lab 10: Database View

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Lab Exercise 10 - View

Use PremierProduct10 database

1. Create a new view named "vwCustomerRep"

   This view contains 5 columns: Customer Number, Customer Name, Zip code, firstname and lastname of the sale representative who supports that customer.

   -- Expected Output --

   SELECT * FROM vwCustomerRep

CustomerNum	CustomerName	Zip	RepFName	RepLName
148	Al's Appliance and Sport	33363	Valerie	Kaiser
282	Brookings Direct	33321	Richard	AAA
356	Ferguson's	33146	Juan	Perez
408	The Everything Shop	33503	Richard	AAA
462	Bargains Galore	33321	Juan	Perez
524	Kline's	33363	Valerie	Kaiser
608	Johnson's Department Store	33553	Juan	Perez
687	Lee's Sport and Appliance	32543	Richard	AAA
725	Deerfield's Four Seasons	33553	Richard	AAA
842	All Season	33321	Valerie	Kaiser

Lab Exercise - View

2. Alter the view named "vwCustomerRep"

- To include two more fields: Commission, and Rate

-- Expected Output --

SELECT * FROM vwCustomerRep

CustomerNum	CustomerName	Zip	RepFName	RepLName	Commission	Rate
148	Al's Appliance and Sport	33363	Valerie	Kaiser	20542.5000	0.05
282	Brookings Direct	33321	Richard	Hull	39216.0000	0.07
356	Ferguson's	33146	Juan	Perez	23487.0000	0.05
408	The Everything Shop	33503	Richard	Hull	39216.0000	0.07
462	Bargains Galore	33321	Juan	Perez	23487.0000	0.05
524	Kline's	33363	Valerie	Kaiser	20542.5000	0.05
608	Johnson's Department Store	33553	Juan	Perez	23487.0000	0.05
687	Lee's Sport and Appliance	32543	Richard	Hull	39216.0000	0.07
725	Deerfield's Four Seasons	33553	Richard	Hull	39216.0000	0.07
842	All Season	33321	Valerie	Kaiser	20542.5000	0.05

Lab Exercise - View

3. Create a new view named "vwTotalOrder_Customer"

- This view count the total number of orders each customer made

-- Expected Output --

SELECT * FROM vwTotalOrder_Customer

CustomerNum	CustomerName	totalOrders
148	Al's Appliance and Sport	2
282	Brookings Direct	1
356	Ferguson's	1
408	The Everything Shop	1
608	Johnson's Department Store	2