

Annotated Solution Files – Access 2010

Lab 2-1 ECO Clothesline

Lab 2-1 Step 1 Query

Customer

*

- Customer Number
- Customer Name
- Street
- City
- State
- Postal Code
- Balance
- Amount Paid
- Sales Rep Number

Field:	Customer Number	Customer Name	Amount Paid	Sales Rep Number
Table:	Customer	Customer	Customer	Customer
Sort:				
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:				=49
or:				

Lab 2-1 Step 1 Query returns all records where the sales rep number is 49 and includes Customer Number, Customer Name, Amount Paid, and Sales Rep Number fields from the Customer table

Lab 2-1 Step 2 Query

Customer

*

- Customer Number
- Customer Name
- Street
- City
- State
- Postal Code
- Balance
- Amount Paid
- Sales Rep Number

Field:	Customer Number	Customer Name	Amount Paid	State
Table:	Customer	Customer	Customer	Customer
Sort:				
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Criteria:			>1000	=VA
or:				

Lab 2-1 Step 2 Query returns records for all customers located in VA with a paid amount greater than \$1000, and includes the Customer Number, Customer Name, and Amount Paid fields

Lab 2-1 Step 3 Query

Customer

- * Customer Number
- Customer Name
- Street
- City
- State
- Postal Code
- Balance
- Amount Paid
- Sales Rep Number

Lab 2-1 Step 3 Query returns records for all customers whose names begin with T and includes the Customer Number, Customer Name, Street, and City fields

Field:	Customer Number	Customer Name	Street	City
Table:	Customer	Customer	Customer	Customer
Sort:				
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:		Like T*		
or:				

Lab 2-1 Step 4 Query

City
Ashton
Georgetown
Granger
Lowton
Oxford
Pineville
Walburg

Lab 2-1 Step 4 Query lists all cities in ascending order

Lab 2-1 Step 5 Query

Customer *

- Customer Number
- Customer Name
- Street
- City
- State
- Postal Code
- Balance
- Amount Paid
- Sales Rep Number

Lab 2-1 Step 5 Query allows the user to enter the city to search when running the query, and includes the Customer Number, Customer Name, Balance, and Amount Paid fields

Field:	Customer Number	Customer Name	Balance	Amount Paid	City
Table:	Customer	Customer	Customer	Customer	Customer
Sort:					
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Criteria:					[Enter City]
or:					

Query Type: Update Crosstab Delete Union Pass-Through Data Definition Show Table Builder

Query Setup: Insert Rows Delete Rows Insert Columns Delete Columns Return: 25%

Lab 2-1 Step 6 Query

Customer *

- Customer Number
- Customer Name
- Street
- City
- State
- Postal Code
- Balance
- Amount Paid
- Sales Rep Number

Lab 2-1 Step 6 Query displays only the top 25 percent of records

Lab 2-1 Step 6 Query includes the Customer Number, Customer Name, and Balance fields and is sorted in descending order by Balance

Field:	Customer Number	Customer Name	Balance
Table:	Customer	Customer	Customer
Sort:			Descending
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:			

Lab 2-1 Step 7 Query

Sales Rep *

- 🔑 Sales Rep Number
- Last Name
- First Name
- Street
- City
- State
- Postal Code
- Base Pay YTD
- Comm Rate

Customer *

- 🔑 Customer Number
- Customer Name
- Street
- City
- State
- Postal Code
- Balance
- Amount Paid
- Sales Rep Number

Lab 2-1 Step 7 Query includes the Customer Number, Customer Name, and Balance fields from the Customer table and the Sales Rep Number, First Name, and Last Name fields from the Sales Rep table, and is sorted in ascending order by sales rep's last name and customer name

Field:	Sales Rep Number	First Name	Last Name	Customer Number	Customer Name	Balance
Table:	Sales Rep	Sales Rep	Sales Rep	Customer	Customer	Customer
Sort:			Ascending		Ascending	
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:						
or:						

Lab 2-1 Step 7 Query

SR #	First Name	Last Name	Cust #	Customer Name	Balance
49	Pinn	Gupta	BL15	Blondie's on Main	\$555.00
49	Pinn	Gupta	CY12	Curlin Yoga Studio	\$145.00
49	Pinn	Gupta	JN34	Just Natural	\$360.00
49	Pinn	Gupta	LB20	Le Beauty	\$200.00
49	Pinn	Gupta	WS34	Woody's Sporting Goods	\$1,235.00
44	Pat	Jones	AM23	Amy's Store	\$195.00
44	Pat	Jones	DG14	Della's Designs	\$340.00
44	Pat	Jones	EC07	Environmentally Casual	\$0.00
44	Pat	Jones	NC25	Nancy's Place	\$240.00
44	Pat	Jones	TT21	Tan and Tone	\$160.00
51	Gabe	Ortiz	BF34	Barbara's Fashions	\$150.00
51	Gabe	Ortiz	CM09	Casual by Marie	\$295.00
51	Gabe	Ortiz	FN19	Fitness Counts	\$345.00
51	Gabe	Ortiz	RD03	Rose's Day Spa	\$0.00
51	Gabe	Ortiz	TW56	The Workout Place	\$680.00
55	Terry	Sinson			

*

Lab 2-1 Step 7 Query displays all sales reps, even if they have no customers

Lab 2-1 Step 8 Query

Customer

- *
 - Customer Number
 - Customer Name
 - Street
 - City
 - State
 - Postal Code
 - Balance
 - Amount Paid
 - Sales Rep Number

Lab 2-1 Step 8 Query includes the Amount Paid field and calculates the total of the balance and amount paid amounts, shown as Total Amount

Field:	Customer Number	Customer Name	Balance	Amount Paid	Total Amount: [Amount Paid]+[Balance]
Table:	Customer	Customer	Customer	Customer	
Sort:					
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:					
or:					

Lab 2-1 Step 9 Query

AvgOfBalance

\$326.67

Lab 2-1 Step 9 Query displays the average balance amount for all customers

Lab 2-1 Step 10 Query

Customer

- * Customer Number
- Customer Name
- Street
- City
- State
- Postal Code
- Balance
- Amount Paid
- Sales Rep Number

Field: Balance Sales Rep Number

Table: Customer Customer

Total: Avg Where

Sort:

Show:

Criteria: *51*

or:

Lab 2-1 Step 10 Query displays the average balance amount for sales rep 51

Lab 2-1 Step 11 Query

SR #	AvgOfBalance
44	\$187.00
49	\$499.00
51	\$294.00

Lab 2-1 Step 11 Query displays the average balance amount for each sales rep

Customer

Field Name	Data Type
Customer Number	Text
Customer Name	Text
Street	Text
City	Text
State	Text
Postal Code	Text
Balance	Currency
Amount Paid	Currency
Sales Rep Number	Text

General Lookup

Format	Currency
Decimal Places	Auto
Input Mask	
Caption	Due
Default Value	
Validation Rule	
Validation Text	
Required	No
Indexed	No
Smart Tags	
Text Align	General

The caption for the Balance field is Due

State-Sales Rep Crosstab

Customer

- * Customer Num
- Customer Name
- Street
- City
- State
- Postal Code

Field:	State	Sales Rep Number	Amount Paid	Total Of Amount Paid
Table:	Customer	Customer	Customer	Customer
Total:	Group By	Group By	Sum	Sum
Crosstab:	Row Heading	Column Heading	Value	Row Heading
Sort:				
Criteria:				
or:				

The Crosstab is created as shown here and in Figure 2-92 on Page AC 133