

## **Microsoft Access**





### **Agenda**

### **► MS Access Overview**

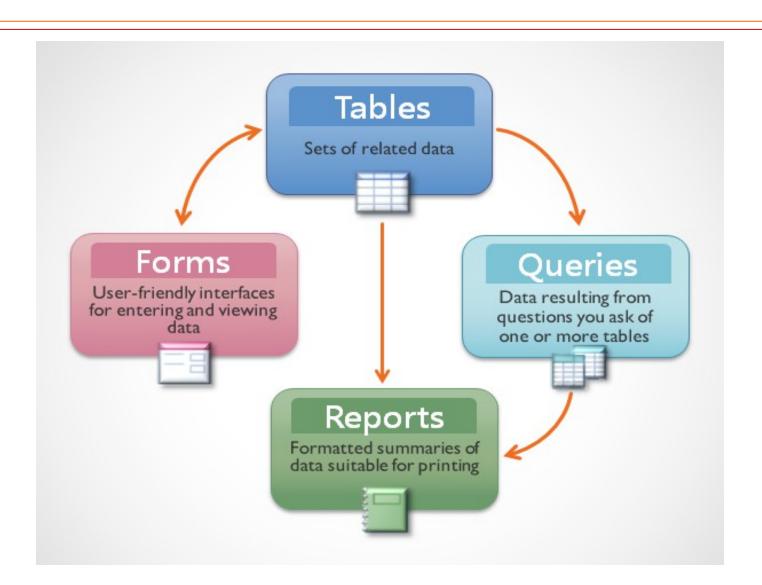


#### **Intro to MS Access**

- Simple and Flexible DBMS with Windows "look and feel", as well as, integration with other Microsoft products (referred to desktop database)
- Same data definition, manipulation, and control as any other RDBMS product.
- Perform SQL Queries using graphical query development tool
- Abundance of Wizards and help functions
- User-friendly tables, queries, forms, and reports
- Simple overview of the big topics in Access, too much to cover every detail

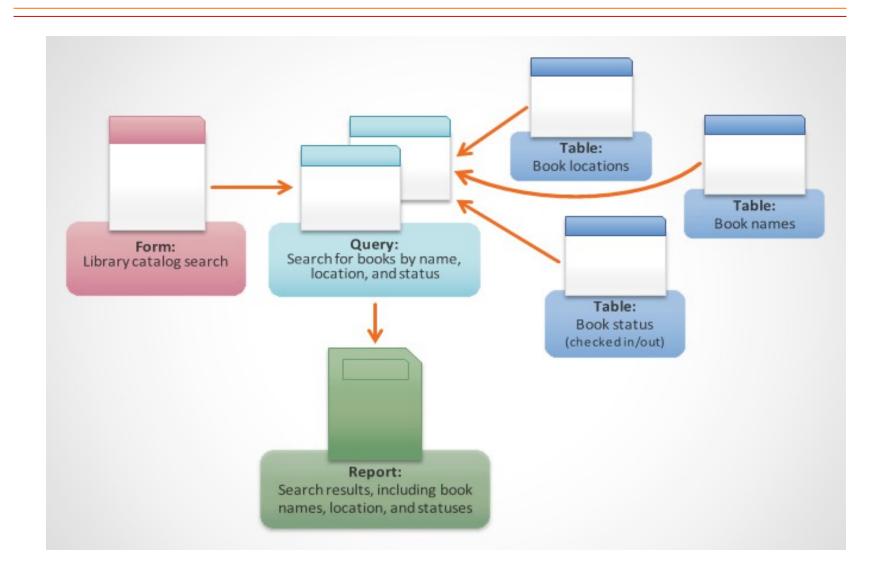


#### **Access Objects**



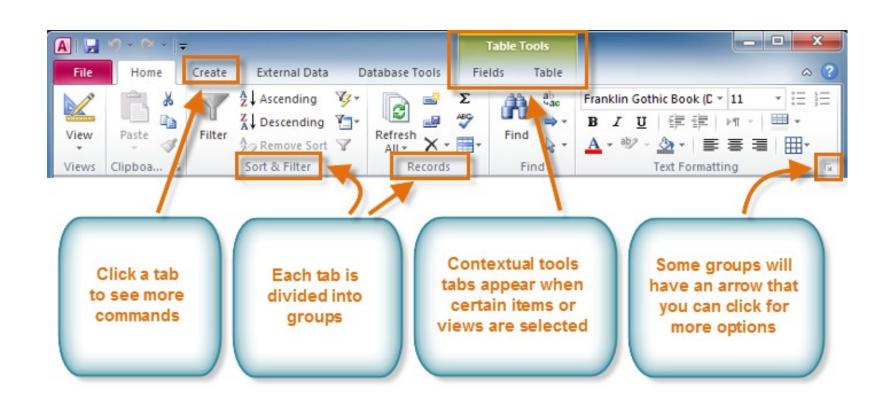


### **Access Objects Example**



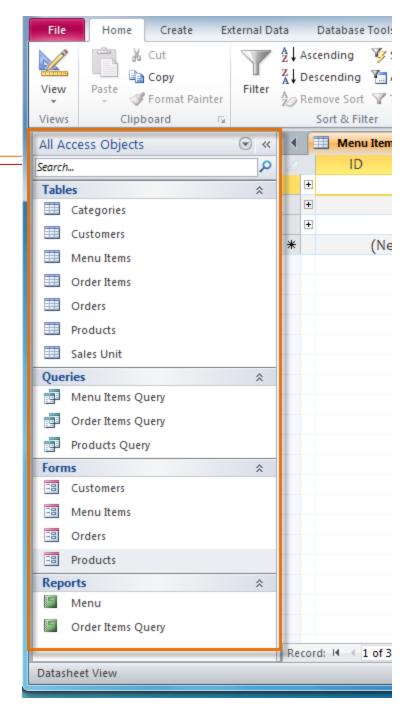


#### **Getting Started**



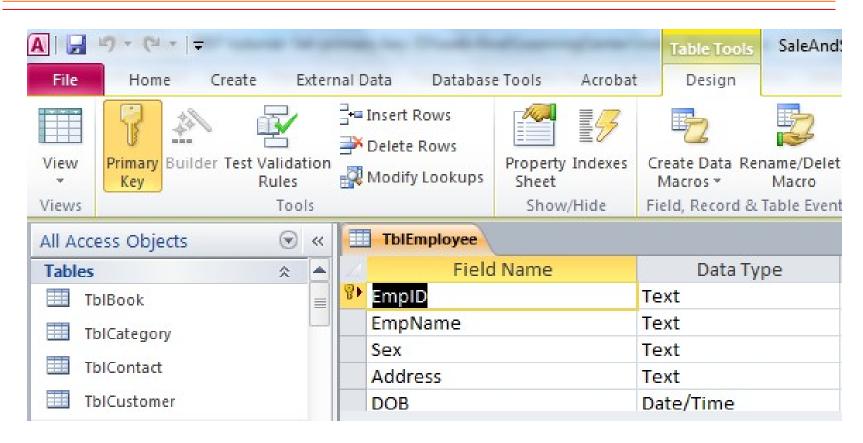


#### **Navigation Pane**





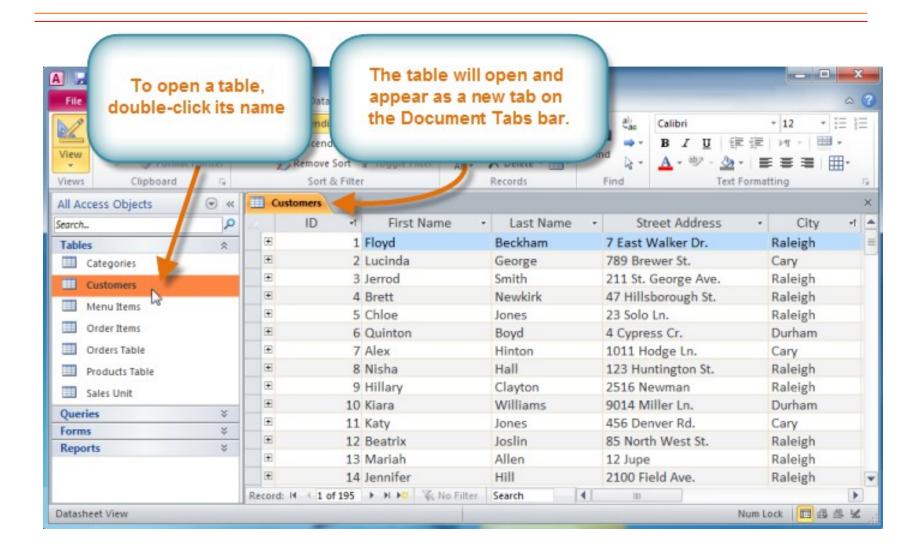
# Table Design View: Defining Attributes, Data Type, and Primary Key



Multi-Select rows to define a composite key

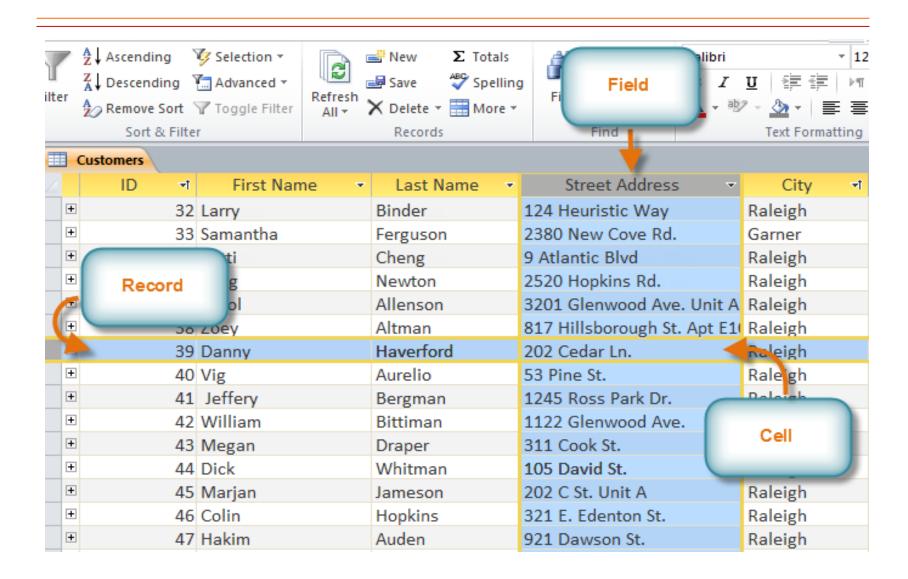


#### **Table: Datasheet View**



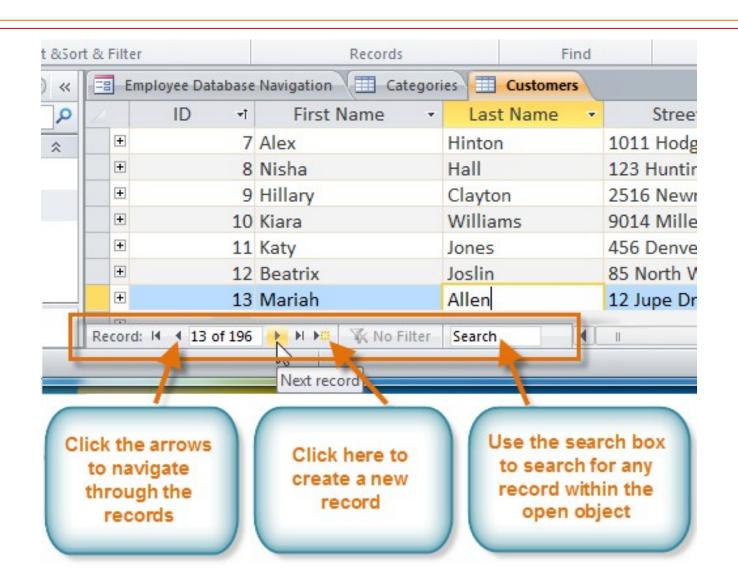


#### **Table Features**



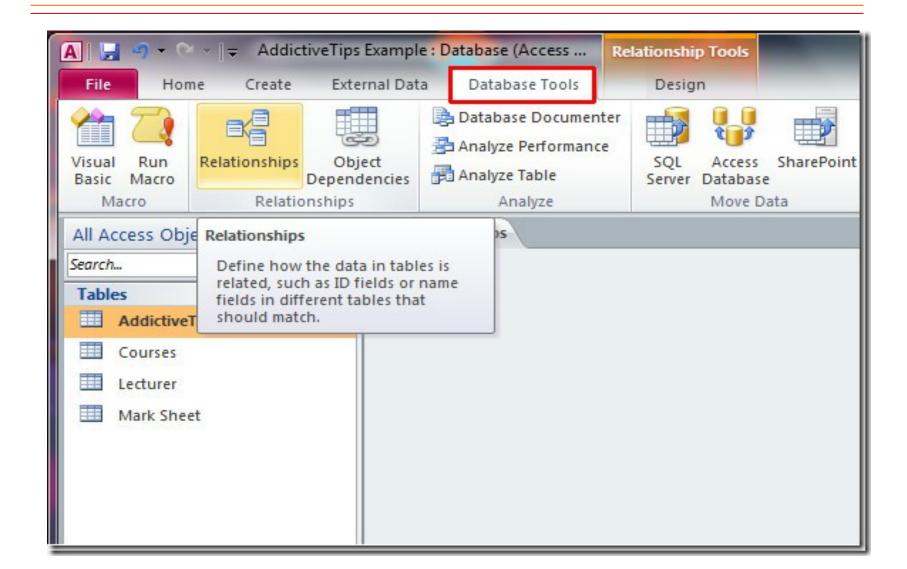


#### **Table Navigation**



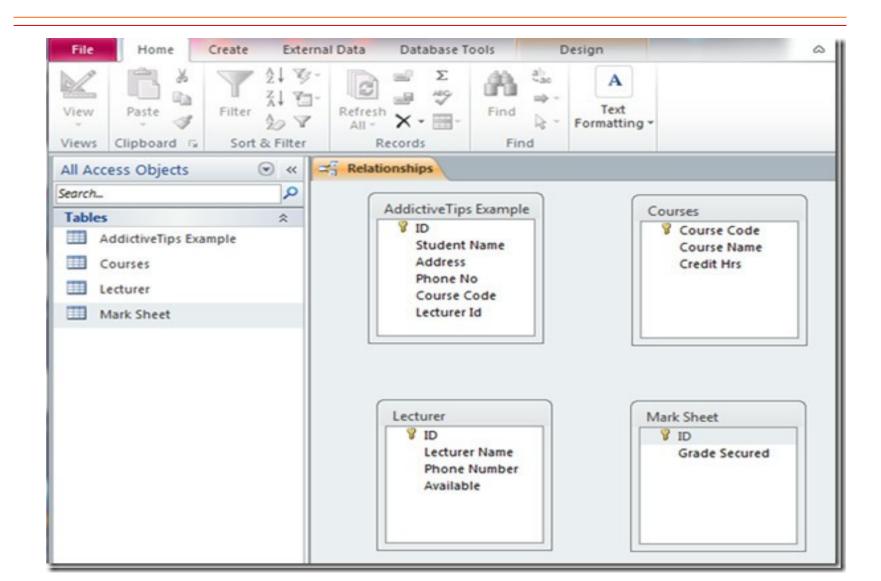


#### **Create Relationships**



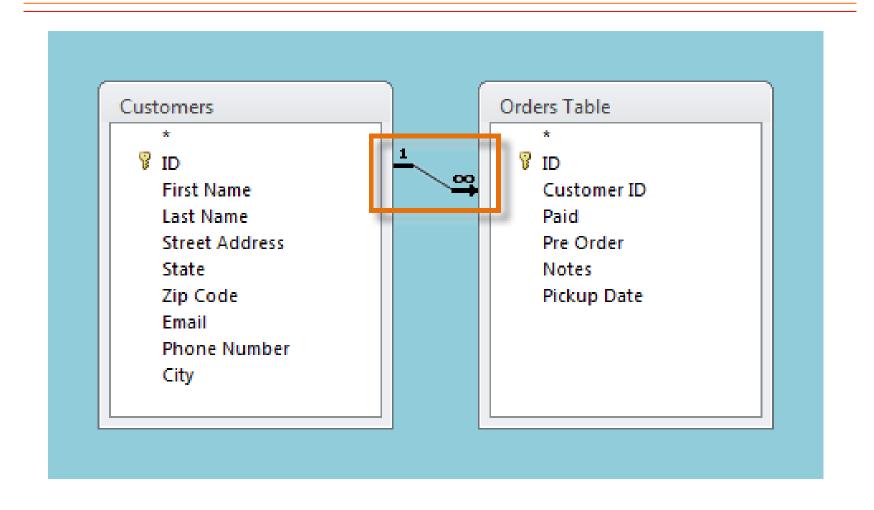


#### **Create Relationships**



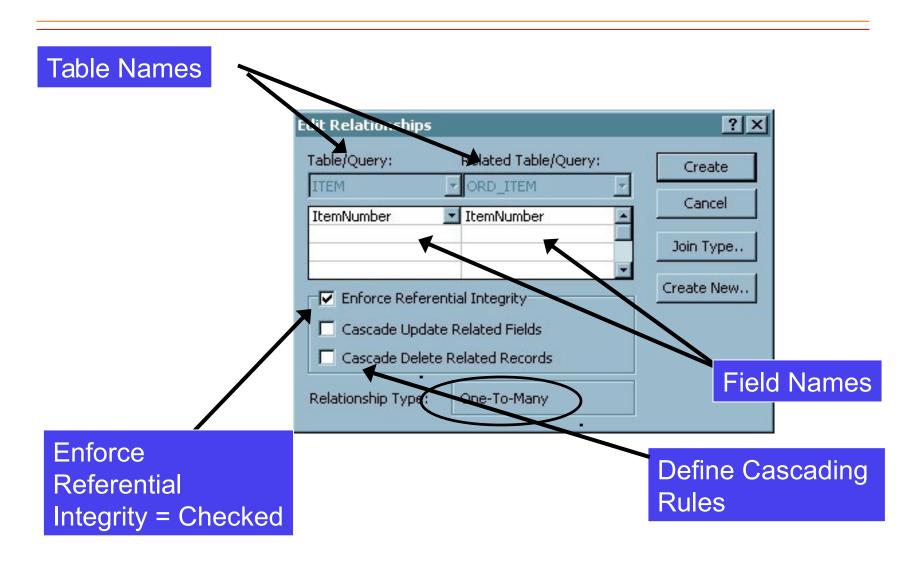


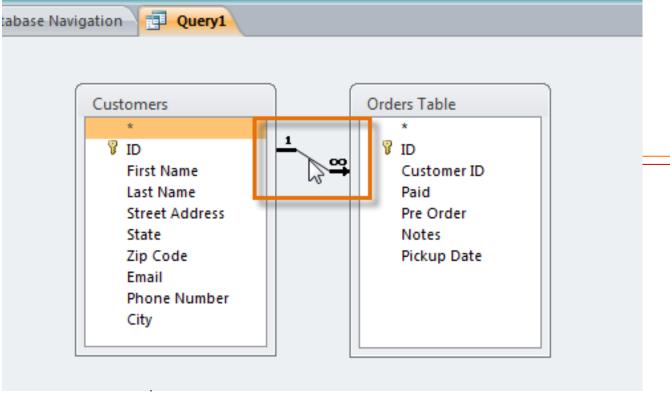
#### **Object Relationship Pane**

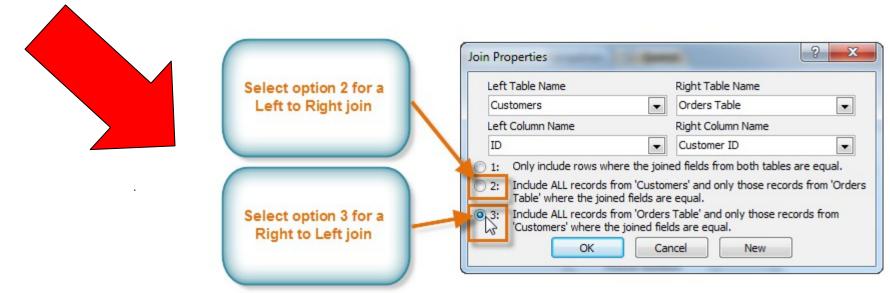




#### **Creating a Relationship**

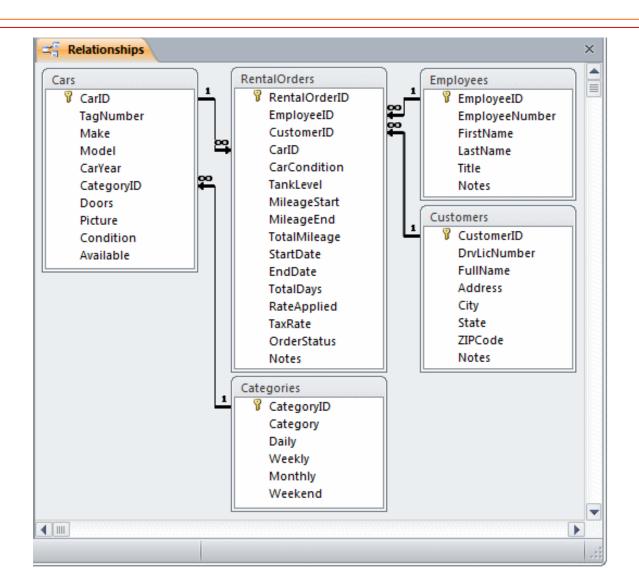






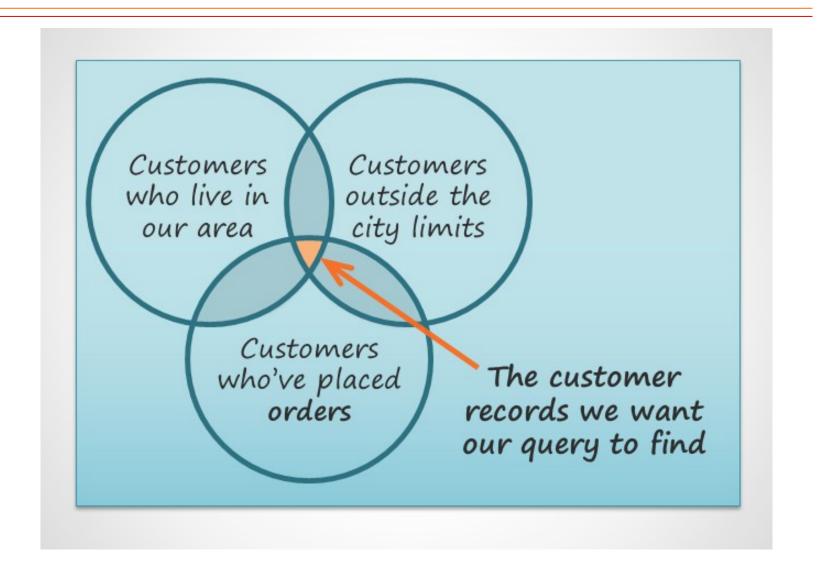


# The Final Relationships View Window



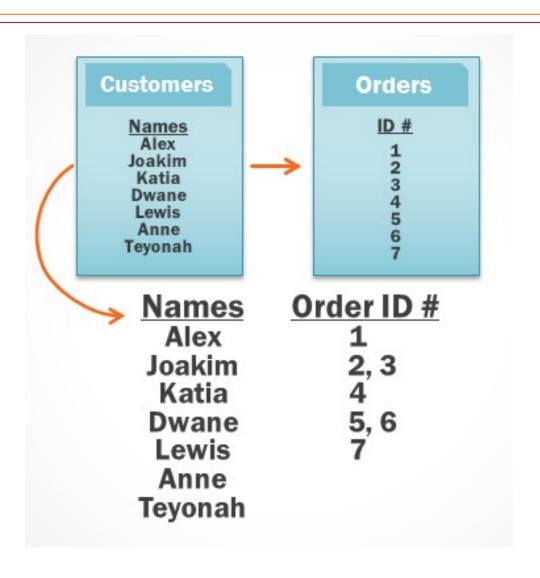


#### **Creating Queries**



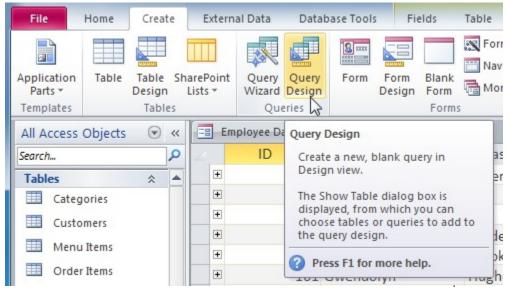


#### **Create Query**



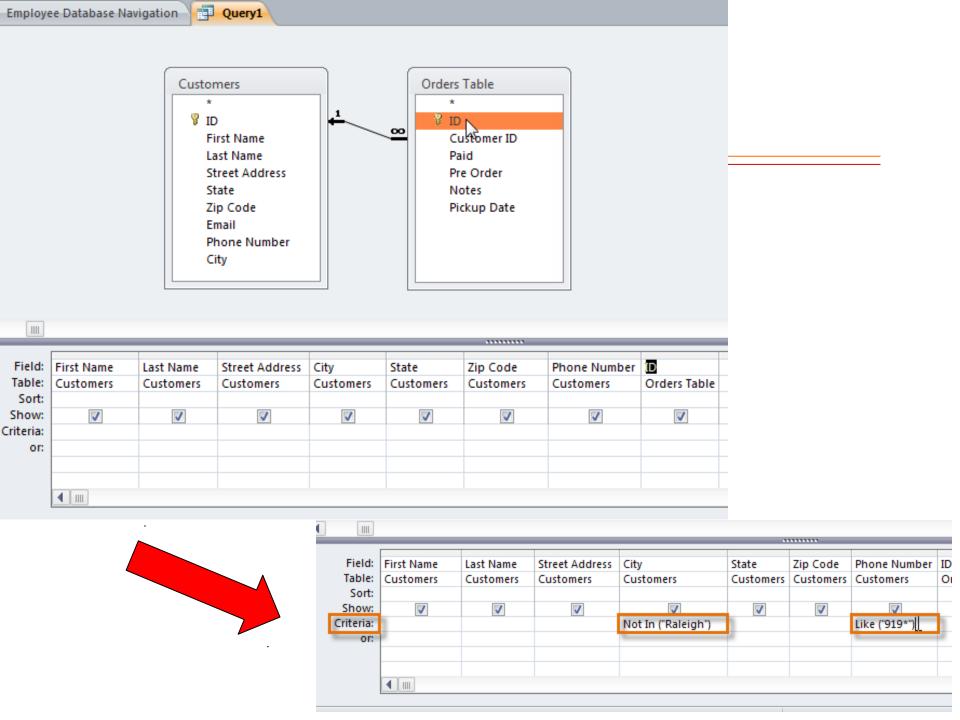


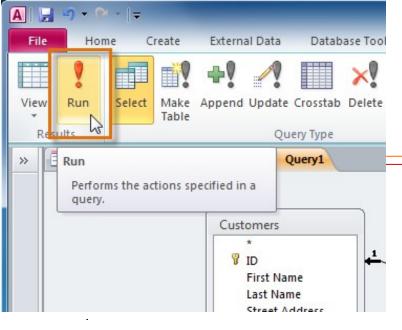
#### **Create Query**

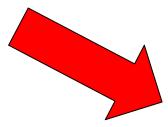




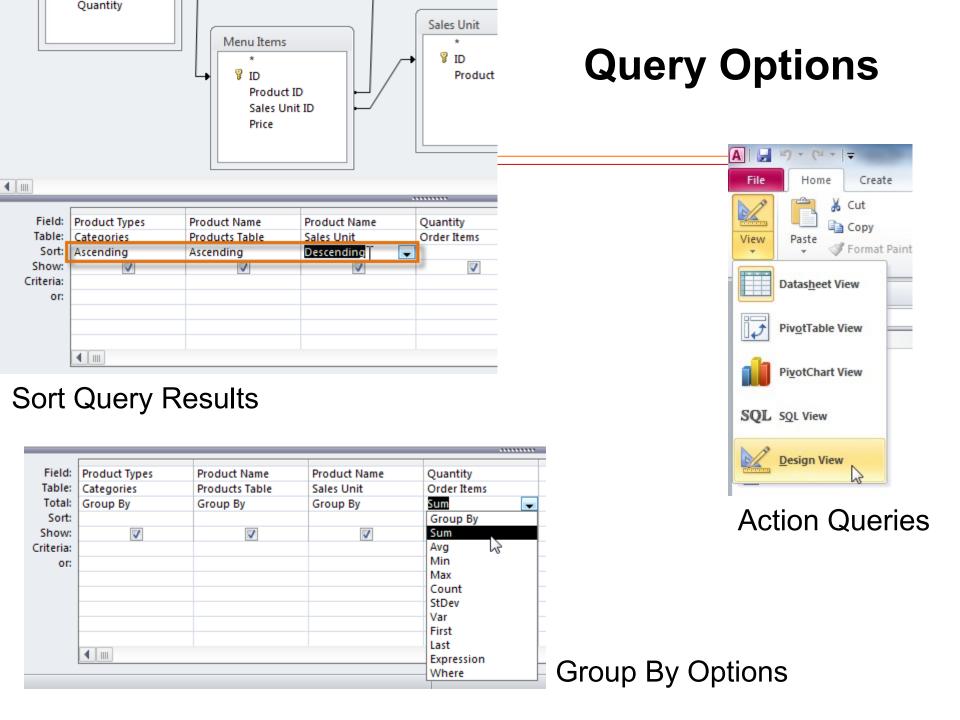
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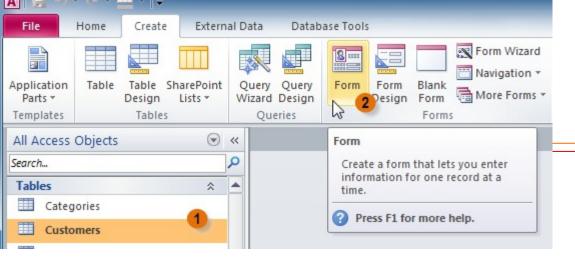
Sort & Filter		Records Find		Text Formattin							
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	Sigrudsdatter	55 Cameron Ct.	Cary	NC	27513	919-555-					
	Yuen		8 X	NC	27513	919-555-					
(	MacDonald	Save As		NC	27514	919-555-					
	Slobodowski	Query Name:	NC	27513	919-555-						
	Oglesby	Customers Who've Ordered From N	earby Towns	NC	27714	919-555-					
rine	Kellerman		NC	27513	919-555-						
ıa	Olivera	ОК	Cancel	NC	27714	919-555-					
n	Storey	LW	NC	27714	919-555-						
lotte	Tempie	12 Spencer Ave.	Chapel Hill	NC	27514	919-555-					
	Emory	99 Hillsborough St.	Garner	NC	27529	919-555-					
.V	Parthasarathy	1009 Raleigh Street	Hillsborough	NC	27278	919-555-					
	Williams	9014 Miller Ln.	Durham	NC	27714	919-555-					
ie	Daugherty	105 Aycock St.	Chapel Hill	NC	27514	919-555-					
eth	Olsen	4325 W. King St.	Garner	NC	27529	919-555-					



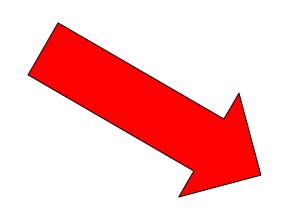


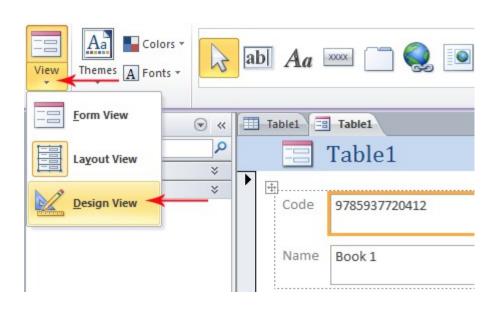
#### **Enter Criteria**

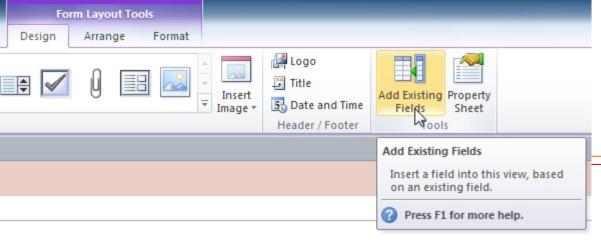
- For portions of the assignment that ask for user input, you can define this in the "criteria" portion of a query in "design view".
- For example in the criteria area, put the following text:
  - > [ENTER MONTH]
- This will prompt the query to ask the user for specified criteria under a specific attribute



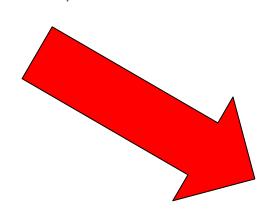
#### **Create a Form**

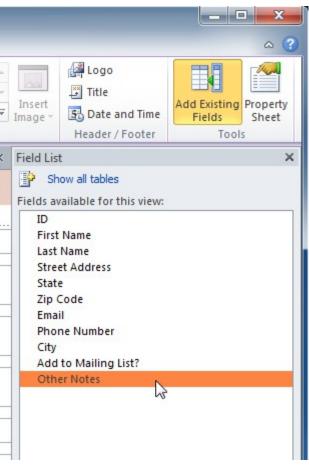






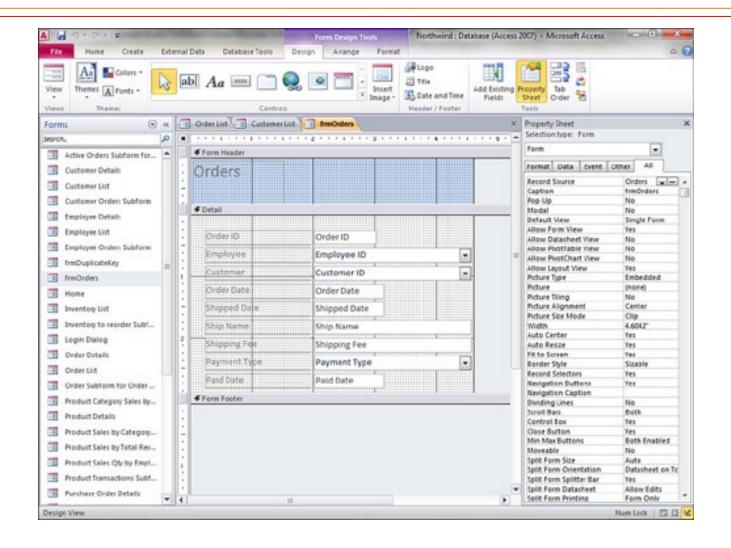
# Add Form Fields





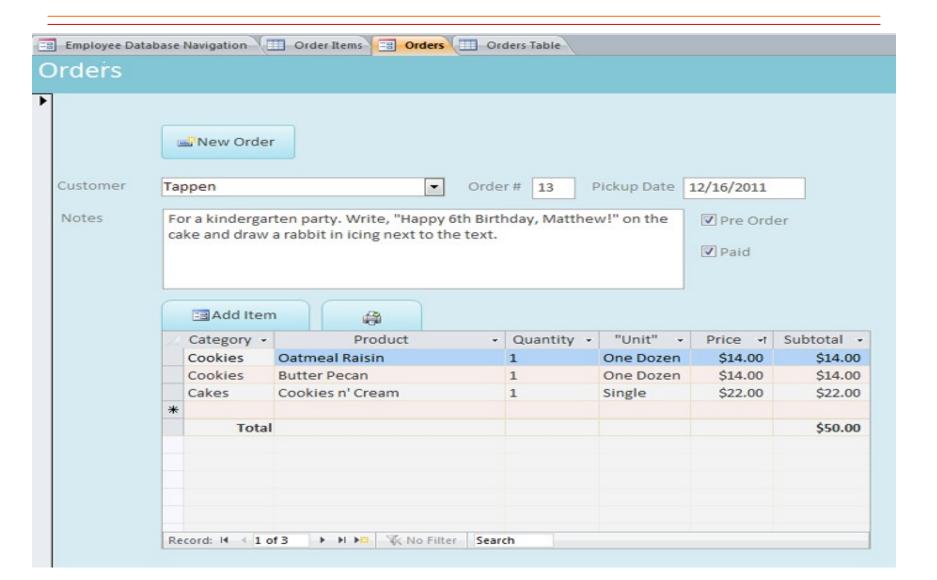


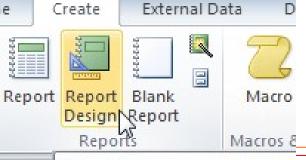
#### Form in Design View





#### **Completed Form**



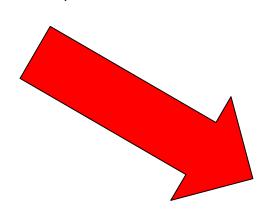


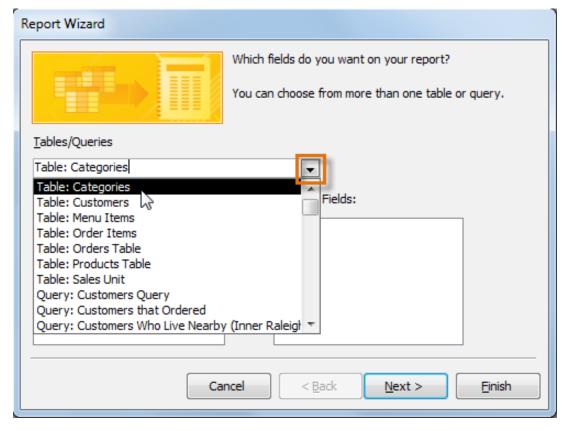
### **Create a Report**

#### Report Design

Create a new blank report in Design view.

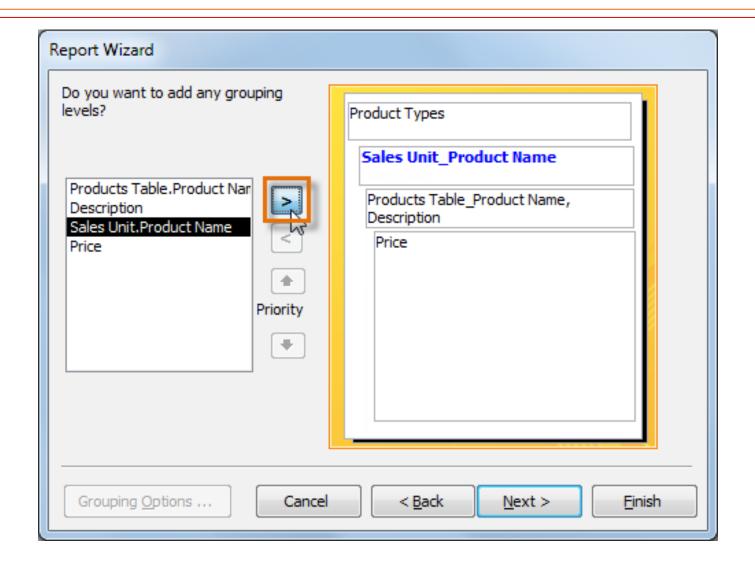
In Design view, you can make advanced design changes to





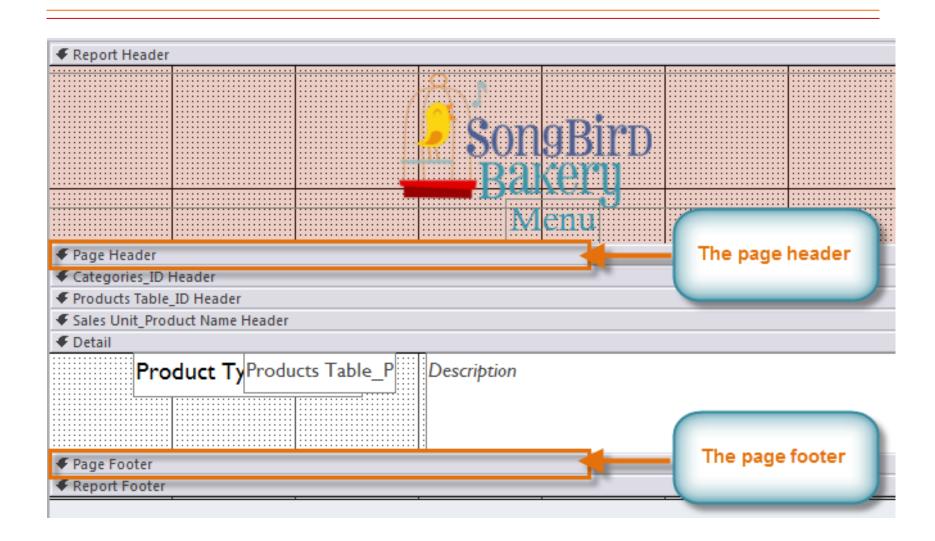


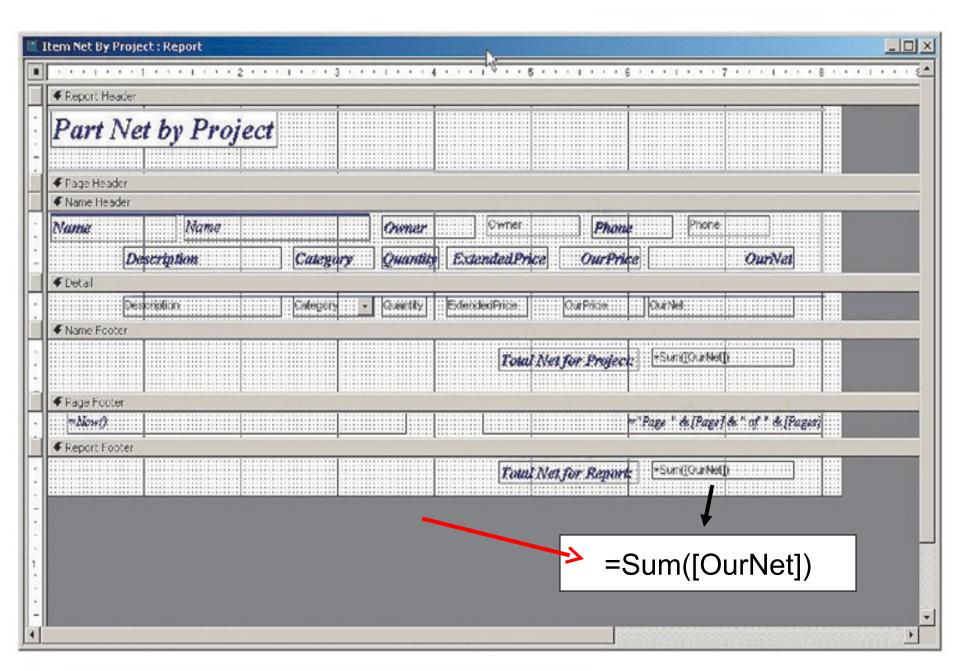
#### **Report Wizard**





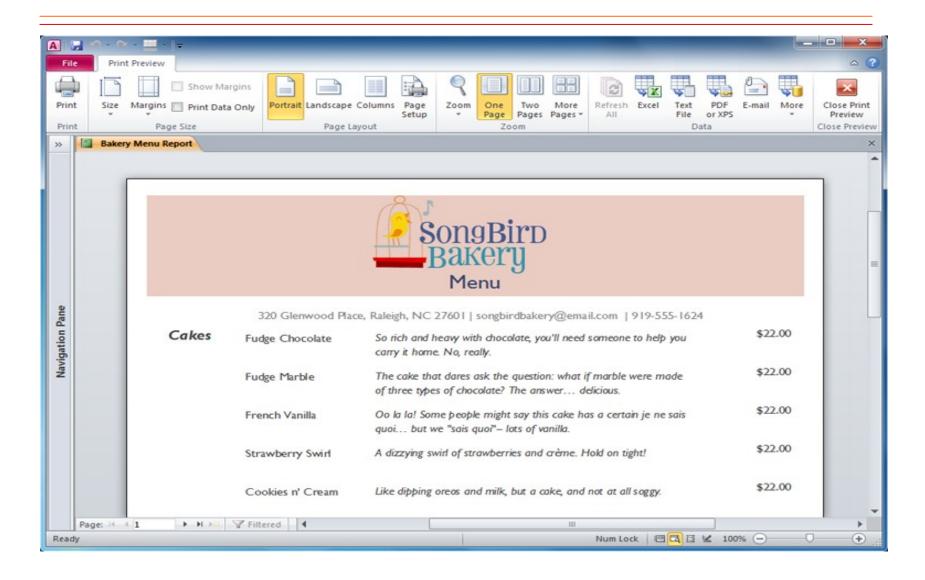
#### Report in Design View





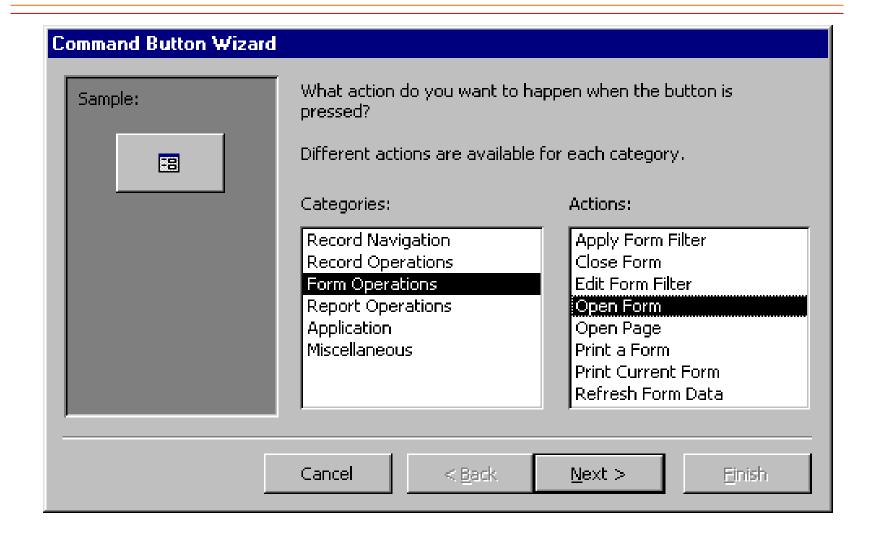


#### **Completed Report**





#### **Command Buttons**





#### Resources

- http://www.gcflearnfree.org/access2010
- http://www.functionx.com/access/index.htm



#### **Automatically Opening your DB**

- In 2003: Under the "Tools" menu, go to "Start Up" and specify the form you wish to initiate when the database is opened.
- In 2007 and beyond:
  - 1. Click the Microsoft Office Button (upper left corner)
  - 2. Click the Access Options button in the bottom right corner of the menu that appears
  - 3. Click the Current Database category on the left side of the Access Options dialog box
  - 4. Under Application Options section look for the option called "Display Form." Select your form name from the combo box
  - 5. Click Ok to close the Access Options
  - 6. The next time you open the database your form will load on Startup



#### **Main Interface**

# MasterVisa Credit Card Company

Button #1

Button #4

Button #2

Button #5

Button #3

Button #6