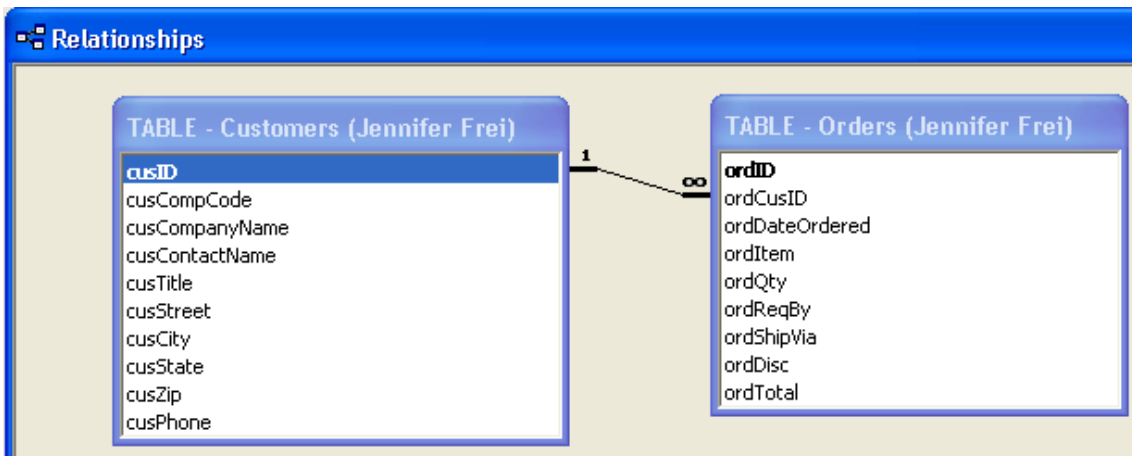


LINKING TABLES IN A RELATIONAL DATABASE



Orders Table

	Field Name	Data Type
🔑	ordID	AutoNumber
▶	ordCusID	Number
	ordDateOrdered	Date/Time
	ordItem	Text
	ordQty	Number
	ordReqBy	Date/Time
	ordShipVia	Text

General	Lookup
Field Size	Long Integer
Format	
Decimal Places	Auto
Input Mask	
Caption	Code
Default Value	0
Validation Rule	
Validation Text	
Required	No
Indexed	Yes (Duplicates OK)

Customers Table

	Field Name	Data Type
🔑	cusID	AutoNumber
	cusCompCode	Text
	cusCompanyName	Text
	cusContactName	Text
	cusTitle	Text
	cusStreet	Text
	cusCity	Text

General	Lookup
Field Size	Long Integer
New Values	Increment
Format	
Caption	ID
Indexed	Yes (No Duplicates)

The above diagram shows the Orders table linking to the Customers table using a linking field similar to both called ordCusID. This field which is placed in the Orders table links directly to the ID field in the Customers table.

This linking field allows Customers to be related to the Orders they place in the Orders table by typing in the customer's ID number in the Orders table.

It's very important for the linked field to have a Number datatype if the Primary key is an AutoNumber otherwise the fields cannot be connected.

Another example of why you would want to link tables would be for a Petshop scenario to link pets to their owners. The above scenario can be adapted to many outcomes.

CONFIGURE THE LOOKUP TAB (e.g. SO ORDERS TBL CAN 'TALK' TO CUSTOMERS TBL)

Orders Table

	Field Name	Data Type
	ordID	AutoNumber
	ordCusID	Number
	ordDateOrdered	Date/Time
	ordItem	Text
	ordQty	Number
	ordReqBy	Date/Time
	ordShipVia	Text
	ordDisc	Number
	ordTotal	Currency

Field Properties

General **Lookup**

Display Control	Combo Box
Row Source Type	Table/Query
Row Source	SELECT [TABLE - Customers (Jennifer Frei)].cusCo
Bound Column	2
Column Count	1
Column Heads	No
Column Widths	
List Rows	8
List Width	Auto
Limit To List	Yes

Microsoft Access - [SQL Statement : Query Builder]

File Edit View Insert Query Tools Window Help

TABLE - C...

- *
 - cusID
 - cusCompCode
 - cusCompanyN
 - cusContactNe

Field:	cusCompCode	cusID	
Table:	TABLE - Customers	TABLE - Customers	
Sort:			
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Criteria:			
or:			