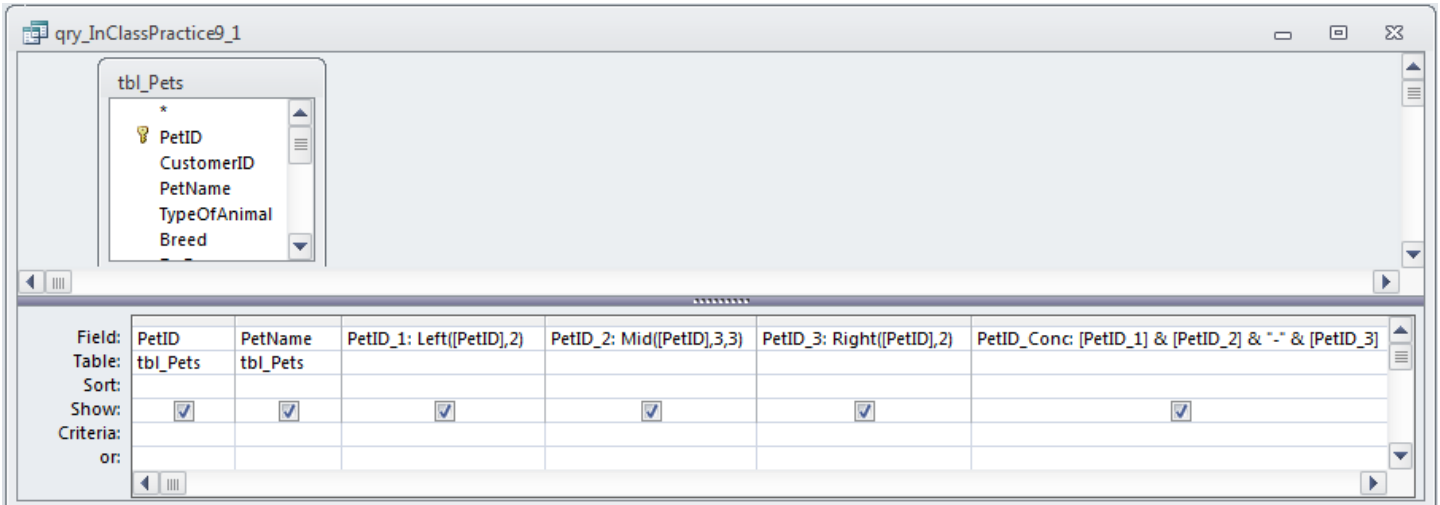




9-1:



PetID_1: Left([PetID],2)

PetID_2: Mid([PetID],3,3)

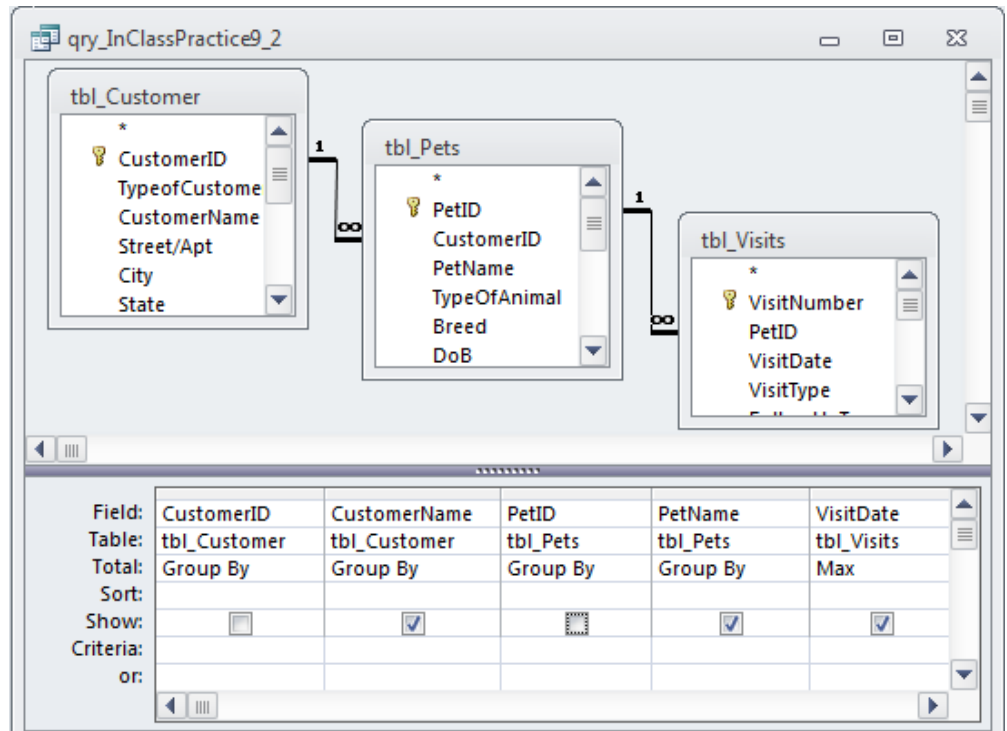
PetID_3: Right([PetID],2)

PetID_Conc: [PetID_1] & [PetID_2] & "-" & [PetID_3]

9-2:

First, create a query based on tables Customer, Pets, and Visits. Select CustomerID, CustomerName, PetID, PetName and VisitDate as fields. Select sort order on CustomerName and PetName and view the data. Look at one pet with multiple visit dates. Now convert this query into a Total query and select Max on the VisitDate field. Run the query again and verify that you see now the latest (=max) visit date of a pet.

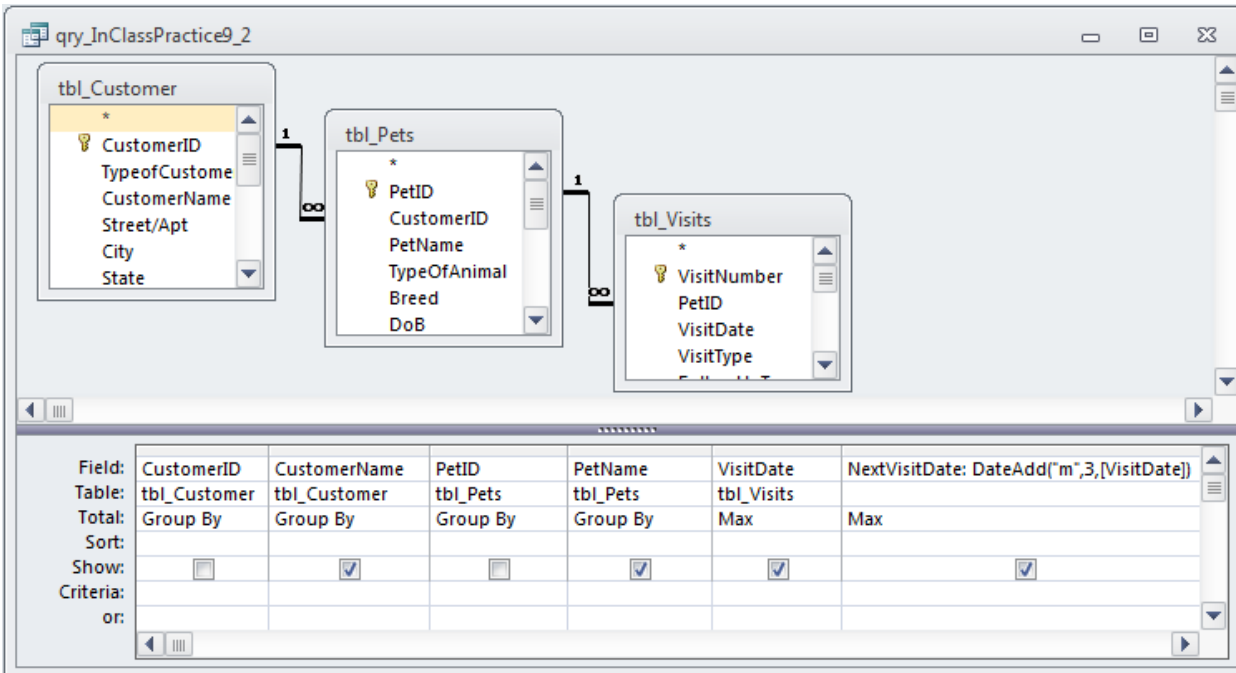
Now add a new column and name it NextVistDate. Use the following expression:





In-Class Practice 9 Solution

Microsoft Access/Database Series
Designing, Building, and using Databases
(Beginning Microsoft Access)



NextVisitDate: DateAdd("m",3,[VisitDate])

Run the query again and verify the data.

Challenge:

Modify the NextVisitDate expression as follows:

NextVisitDate: IIf([VisitType] In ("Illness","Injury","Physical"),DateAdd("m",3,[VisitDate]),DateAdd("d",180,[VisitDate]))



9-3:

Create the following table:

Field Name	Data Type	Description
AnnualRate	Number	
NumberOfPayments	Number	
LoanAmount	Currency	

Field Name	Data Type	Format
AnnualRate	Number	Percent
NumberOfPayments	Number	Auto
LoanAmount	Currency	Currency

AnnualRate	NumberOfP.	LoanAmount
7.50%	60	\$10,000.00
0.00%	0	\$0.00

Create the following query:

Field:	AnnualRate	NumberOfPayments	LoanAmount	MonthlyRate: [AnnualRate]/12	MonthlyPayment: Pmt([MonthlyRate],[NumberOfPayments],[LoanAmount])
Table:	tbl_InClassPractice9_3	tbl_InClassPractice9_3	tbl_InClassPractice9_3		
Sort:					
Show:	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Criteria:					
or:					

Select Percent format for MonthlyRate and Currency format for Monthly Payment.



Now run the query and verify the output:

AnnualRate	NumberOfP.	LoanAmount	MonthlyRate	MonthlyPayment
7.50%	60	\$10,000.00	0.63%	(\$200.38)
* 0.00%	0	\$0.00		

Record: 2 of 2 | No Filter | Search

Now based on this query, create a columnar form:

Columnar form for **qry_InClassPractice9_3** with the following fields:

AnnualRate	7.50%
NumberOfPayments	60
LoanAmount	\$10,000.00
MonthlyRate	0.63%
MonthlyPayment	(\$200.38)

Record: 1 of 1 | No Filter | Search

Now you can change the numbers and conduct a What/If analysis.