



9-1:

Create a query based on tbl_pets. Include PetID and PetName as fields. Create the following derived fields:

The PetID is comprised of the customerID, a hyphen, and a sequential number for each customer, for example AC001-03. Use character manipulation functions such as Left, Right, Mid, InStr:

PetID_1: Showing the first two characters of the PetID

PetID_2: Showing the next three numbers of the PetID

PetID_3: Showing the last two numbers after the hyphen of the PetID.

PetID_Conc: Concatenate the 3 PetID columns together including the hyphen to build PetID

Save the query as qry_InClassPractice9_1.

9-2:

Create a total query showing for each customer and pet the last visit date:

Then create a derived field named NextVisitDate: and add 3 months to the VisitDate. Set the total row value for this field to Max. Use the DateAdd function. Save the query as qry_InClassPractice9_2.

Challenge: If visit type is Illness, Injury, or Physical add 3 months to the visit date, for all other types add 180 days. Save the query as qry_InClassPractice9_2A.

9-3:

Create a Loan table and a Loan form:

A. Create a new table with the following fields: AnnualRate as Single (Format Percent), NumberOfPayments as Integer, and LoanAmount as Currency. Do not specify a primary key or any other properties. Save the table as tbl_InClassPractice9-3. Enter the following values: AnnualRate = 0.075, NumberOfPayments = 60 (5 years), LoanAmount = 10000.

B. Create a query based on this table, add all the fields, and create two new calculated columns:

1.) MonthlyRate: Divide the annual rate by 12

2.) MonthlyPayment: Use the Pmt function to calculate the monthly payment:

Pmt([MonthlyRate],[NumberOfPayments],[LoanAmount]).

Save the query as qry_InClassPractice9_3. View the query.

C. Create a Form based on this query. Now you can enter values on the form and see the monthly payments calculated. Save the form as frm_InClassPractice9_3.