Access: iif Function

In Access, the **iif** function returns one value if a specified condition evaluates to TRUE, or another value if it evaluates to FALSE.

The syntax for the **iif** function is:

iif (condition, value_if_true, value_if_false)

condition is the value that you want to test.

value_if_true is the value that is returned if *condition* evaluates to TRUE.

value_if_false is the value that is return if *condition* evaluates to FALSE.

For example:
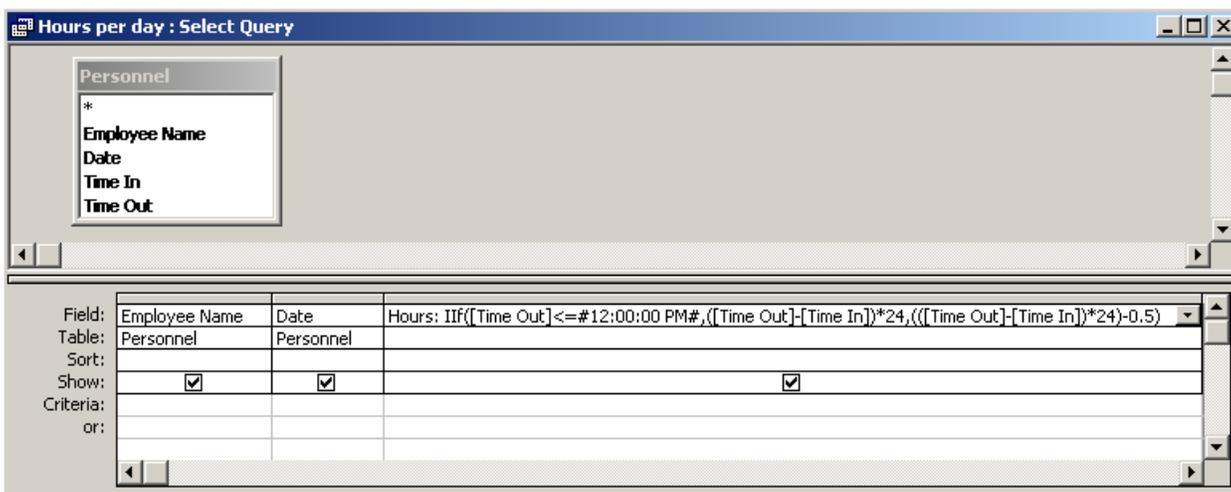
iif ([Qty] > 10, "large", "small")

would return "large" if the value in the Qty field is greater than 10. Otherwise, it would return "small".

This is equivalent to the following IF statement in VBA code.

If [Qty] > 10 Then
    result = "large"
Else
    result = "small"
End If

SQL/Queries

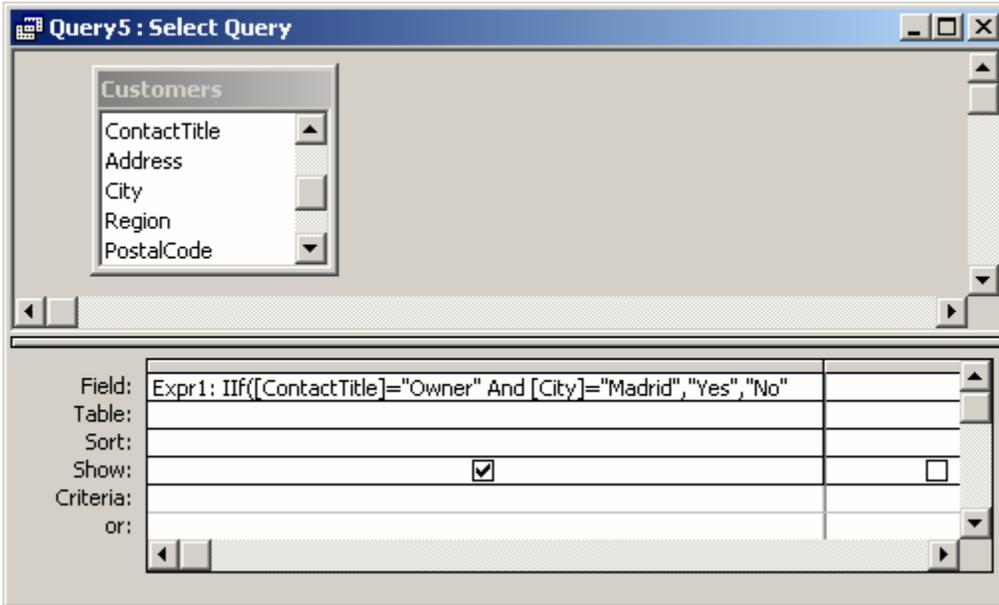You can use the **iif** function in a query.

In this example, if the [Time Out] field is less than or equal to 12 o'clock noon, then the **iif** function will return the number of hours that have elapsed between [Time Out] and [Time In]. If [Time Out] is greater than 12 o'clock noon, then the **iif** function will return subtract 30 minutes from the time worked.

Frequently Asked Questions

Question: How would I use the **iif** function if I wanted to have more than one condition?

Answer: You could use the AND keyword to include multiple conditions.

In the example above, the **iif** function will return "Yes" if both the ContactTitle = "Owner" and City = "Madrid". If one or both of these conditions is not met, it will return "No".

Concatenate Function:

Access: Concatenate strings together

To concatenate multiple strings into a single string in Access, you need to use the **"&"** operator to separate the string values.

string_1 & string_2 & string_n

For example:

"new" & "ark"	would return "newark"
"Tech on the" & " Net!"	would return "Tech on the Net!"
"This " & "is " & "a test"	would return "This is a test"

VBA Code

The "&" operator can be used to concatenate strings in VBA code. For example:

Dim LSQL as string

LSQL = "Select * from Suppliers"
LSQL = LSQL & " where Supplier_ID = 2345"

You can use the **"&"** operator in a query to concatenate multiple fields into a single field in your result set.

To do this, open your query in design mode. Enter your field names in the query window separated by the **"&"** symbol.