

Access: Case Statement

In Access, the **Case** statement can only be used in VBA code. It has the functionality of an [IF-THEN-ELSE statement](#).

The syntax for the **Case** statement is:

Select Case *test_expression*

Case condition_1

result_1

Case condition_2

result_2

...

Case condition_n

result_n

Case Else

result_else

End Select

test_expression is a string or numeric value. It is the value that you are comparing to the list of conditions. (ie: condition_1, condition_2, ... condition_n)

condition_1 to *condition_n* are evaluated in the order listed. Once a *condition* is found to be true, the **Case** statement will execute the corresponding code and not evaluate the conditions any further.

result_1 to *result_n* is the code that is executed once a *condition* is found to be true.

Note:

If no *condition* is met, then the *Else* portion of the **Case** statement will be executed. It is important to note that the *Else* portion is optional.

VBA Code

The **Case** statement can only be used in VBA code.

Let's take a look at a simple example:

Select Case [Region]

Case "N"

[RegionName] = "North"

Case "S"

[RegionName] = "South"

Case "E"

[RegionName] = "East"

Case "W"

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    [RegionName] = "West"  
End Select
```

You can also use the **To keyword** to specify a range of values. For example:

```
Select Case LNumber  
    Case 1 To 10  
        [RegionName] = "North"  
    Case 11 To 20  
        [RegionName] = "South"  
    Case 21 To 30  
        [RegionName] = "East"  
    Case Else  
        [RegionName] = "West"  
End Select
```

You can also **comma delimit** values. For example:

```
Select Case LNumber  
    Case 1, 2  
        [RegionName] = "North"  
    Case 3, 4, 5  
        [RegionName] = "South"  
    Case 6  
        [RegionName] = "East"  
    Case 7, 11  
        [RegionName] = "West"  
End Select
```

And finally, you can also use the **Is keyword** to compare values. For example:

```
Select Case LNumber  
    Case Is < 100  
        [RegionName] = "North"  
    Case Is < 200  
        [RegionName] = "South"  
    Case Is < 300  
        [RegionName] = "East"  
    Case Else  
        [RegionName] = "West"  
End Select
```