

Access: IF-THEN-ELSE Statement

In Access, the **IF-THEN-ELSE** statement can only be used in VBA code.

The syntax for the **IF-THEN-ELSE** statement is:

```
If condition_1 Then
    result_1

ElseIf condition_2 Then
    result_2
...
ElseIf condition_n Then
    result_n

Else
    result_else

End If
```

condition_1 to *condition_n* are evaluated in the order listed. Once a *condition* is found to be true, the **IF-THEN-ELSE** 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 **IF-THEN-ELSE** statement will be executed.

It is important to note that the *ElseIf* and *Else* portions are optional.

VBA Code

The **IF-THEN-ELSE** statement can only be used in VBA code. First, let's take a look at a simple example.

```
If [Region] ="N" Then
    [RegionName] = "North"
End If
```

Next, let's take a look at an example that uses *ElseIf*.

```
If [Region] ="N" Then
    [RegionName] = "North"
```

```
ElseIf [Region] = "S" Then  
    [RegionName] = "South"
```

```
ElseIf [Region] = "E" Then  
    [RegionName] = "East"
```

```
ElseIf [Region] = "W" Then  
    [RegionName] = "West"
```

```
End If
```

Finally, let's take a look at an example that uses *Else*.

```
If [Region] = "N" Then  
    [RegionName] = "North"
```

```
ElseIf [Region] = "S" Then  
    [RegionName] = "South"
```

```
ElseIf [Region] = "E" Then  
    [RegionName] = "East"
```

```
Else  
    [RegionName] = "West"
```

```
End If
```