

Selección - VBA

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If Constructions

- Useful where there are one or more possible conditions.
- Single line If
 - If *condition* then
 - statement*
 - End if
- If-then-Else-End If
 - If *condition* then
 - Statements1*
 - Else
 - Statements2*
 - End If
 - Else is optional
- Operandos de Comparación:
 - Mayor que: >
 - Menor que: <
 - Mayor o igual que: >=
 - Menor o igual que: <=
 - Igual que: =
 - No es igual que: <>

If Constructions

■ Nested If statements

```
If cond1 Then
    If cond2 Then
        statement1
    Else
        statement2
    End If
Else
    Satement3
End If
```

■ If-then-Else-Else-End If

```
If condition1 Then
    Statement1
Elseif condition2 Then
    Statement2
Else
    OtherStatements
EndIf
```

Compound Conditions (and, or)

- Use the keywords And, Or
- Group the conditions in parenthesis to eliminate ambiguity

If condition1 And (condition2 Or condition3) Then

- True if condition1 and at least one of condition 2 and condition 3 is true.

If Color = "red" Or "blue" Then

- Generates an error message

If Color = "red" Or Color = "blue" Then

Case Constructions

- Less complex than an If construction with multiple Else If lines.

```
Select Case Variable
  Case Value1
    Statements1
  Case Value2
    Statements2
  ...
  Case Else
    Other Statements
End Select
```

```
Select Case ProductIndex
  Case Is <= 3
    UnitPrice = 1.2*Unitcost
  Case 4 to 6
    UnitPrice = 1.3*UnitCost
  Case 7
    UnitPrice = 1.4*Unitcost
  Case Else
    UnitPrice = 1.1*UnitCost
End Select
```