

Error Message	Possible Cause	Example	Example Corrected
<i>Ambiguous name detected</i>	Two Subs have the same name. Each Sub must have a unique name	Public Sub DoStuff() Public Sub DoStuff()	Public Sub DoStuff1() Public Sub DoStuff2()
<i>Duplicate declaration in current scope</i>	Variable was declared twice in the same Sub/Function	Dim x As Long Dim x As Long	Dim x As Long Dim y As Long
<i>Expected: =</i>	Equal sign missing from For statement	For i 1 to 5	For i = 1 to 5
<i>Expected: )</i>	Parenthesis missing	x = Len("John"	x = Len("John")
<i>Expected: )</i>	End of quote missing	x = Len("John")	x = Len("John")
<i>Expected: end of statement</i>	Equal sign missing from While Statement	Do While i 5	Do While i = 5
	Spaces in the name of a Sub/Function	Sub Show Message()	Sub ShowMessage()
	Spaces in the name of a reserved word	Msg Box Di m	MsgBox Dim
<i>Expected: expression</i>	Nothing to the right of equals	Range ("A1") =	Range ("A1") = 6
	Do While statement missing condition	Do While	Do While <b>x&lt;10</b>
	Elseif has space between words	Else If	Elseif
	If or Elseif missing condition	If Then	If <b>x&gt;6</b> Then
<i>Expected: Identifier</i>	Character other than a number of letter at the start of a Sub/Variable name		
	Forgot to include Sub/Function name	Public Sub ()	Public Sub ShowMsg()
<i>Expected: line number or label or statement or end of statement</i>	Nothing to the left of equals	= .Range("A1")	<b>x</b> = .Range("A1")
<i>Expected: list Separator or )</i>	Quote missing	Range ("A1) = 5	Range( "A1") = 5
	Missing Comma	Cells(1 3) = 5	Cells(1,3) = 5
<i>Expected: then or goto</i>	Missing <u>Then</u> in If or Elseif statement	If x>6	If x>6 <b>Then</b>
<i>Select method of Range class failed</i>	You used the <i>Select</i> command on a sheet but that sheet is not active. Use <i>Activate</i> first	Worksheets(1).Select	Worksheets(1).Activate Worksheets(1).Select
<i>Subscript out of Range</i>	The Worksheet with the given name does not exist.	Worksheets("Sales")	Make sure a sheet called "Sales" exists
	The Workbook with the given name is not open.	Workbook("Pay.xlsm")	Make sure a workbook called "Pay.xlsm" is open.