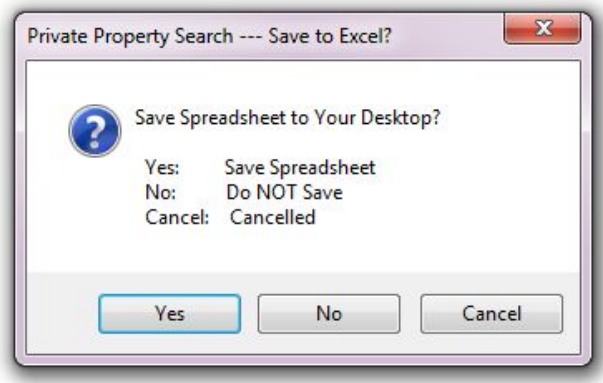


# MsgBox



A nice Message box Layout

- Tony Hine
- Message:- <https://niftyaccess.com/contact>
- Tel: 07747 018 875

# “Normal” Message Box

Used to display a Message...



# "Normal" Message Box

A Typical message box displaying a "Hello world" message.

Command0



After pressing the Button  
Command0

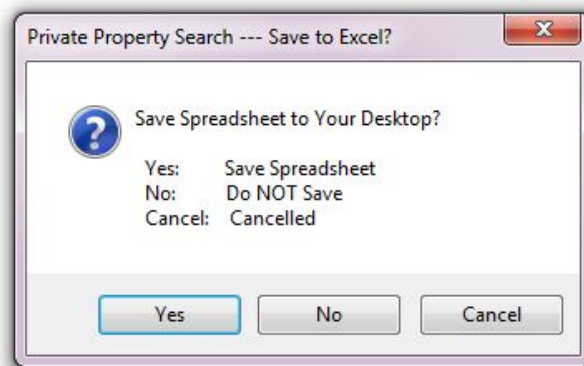
```
Option Compare Database
Option Explicit

Private Sub Command0_Click()
    MsgBox "Hello World"
End Sub
```

Pressing the Button  
Command0 runs this Code:

# “Advanced” Message Box

Used to display a Message... And Can gather info for Decision making in your App



```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

```
strMsg1 = "Save Spreadsheet to Your Desktop?"
strYes = "  Yes:          Save Spreadsheet"
strNo = "  No:           Do NOT Save"
strCan = "  Cancel:      Cancelled"
strTitle = conAppName & " --- Save to Excel?"
```

How does an Advanced  
Message box Work?

Well your code is called on a  
Line by line basis, one line  
after the other

```
Select Case MsgBox(strMsg1 & vbCrLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
    Case vbYes:
        MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _
            "This Process can take several Seconds, You will receive Notification when the process has Completed. " & _
            "Press OK to Continue", , conAppName & " --- Press OK to Continue!"

    Case vbNo: 'Do not save or undo
        'Do nothing
        Exit Function

    Case vbCancel: 'Undo the changes
        'DoCmd.RunCommand acCmdUndo
        Exit Function

    Case Else: 'Default case to trap any errors
        'Do nothing
        MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName
End Select
```

```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

```
strMsg1 = "Save Spreadsheet to Your Desktop?"
strYes = "  Yes:          Save Spreadsheet"
strNo = "  No:           Do NOT Save"
strCan = "  Cancel:      Cancelled"
strTitle = conAppName & " --- Save to Excel?"
```

How does an Advanced  
Message box Work?

Well your code is called on a  
Line by line basis, one line  
after the other

```
Select Case MsgBox(strMsg1 & vbCrLf & vbCrLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
    Case vbYes:
        MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _
            "This Process can take several Seconds, You will receive Notification when the process has Completed. " & _
            "Press OK to Continue", , conAppName & " --- Press OK to Continue!"

    Case vbNo: 'Do not save or undo
        'Do nothing
        Exit Function

    Case vbCancel: 'Undo the changes
        'DoCmd.RunCommand acCmdUndo
        Exit Function

    Case Else: 'Default case to trap any errors
        'Do nothing
        MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName
End Select
```

```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

(I've skipped a few lines)

```
strMsg1 = "Save Spreadsheet to Your Desktop?"
strYes = " Yes:      Save Spreadsheet"
strNo = " No:       Do NOT Save"
strCan = " Cancel:   Cancelled"
strTitle = conAppName & " --- Save to Excel?"
```

How does an Advanced  
Message box Work?

Well your code is called on a  
Line by line basis, one line  
after the other

```
Select Case MsgBox(strMsg1 & vbCrLf & vbCrLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
    Case vbYes:
        MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _
            "This Process can take several Seconds, You will receive Notification when the process has Completed. " & _
            "Press OK to Continue", , conAppName & " --- Press OK to Continue!"

    Case vbNo: 'Do not save or undo
        'Do nothing
        Exit Function

    Case vbCancel: 'Undo the changes
        'DoCmd.RunCommand acCmdUndo
        Exit Function

    Case Else: 'Default case to trap any errors
        'Do nothing
        MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName
End Select
```



```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

```
strMsg1 = "Save Spreadsheet to Your Desktop?"
strYes = "  Yes:          Save Spreadsheet"
strNo = "  No:           Do NOT Save"
strCan = "  Cancel:      Cancelled"
strTitle = conAppName & " --- Save to Excel?"
```

How does an Advanced  
Message box Work?

Well your code is called on a  
Line by line basis, one line  
after the other

```
Select Case MsgBox(strMsg1 & vbCrLf & vbCrLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
    Case vbYes:
        MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _
            "This Process can take several Seconds, You will receive Notification when the process has Completed. " & _
            "Press OK to Continue", , conAppName & " --- Press OK to Continue!"

    Case vbNo: 'Do not save or undo
        'Do nothing
        Exit Function

    Case vbCancel: 'Undo the changes
        'DoCmd.RunCommand acCmdUndo
        Exit Function

    Case Else: 'Default case to trap any errors
        'Do nothing
        MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName
End Select
```

```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

```
strMsg1 = "Save Your Desktop?"
strYes = "Yes Save Spreadsheet"
strNo = "No Save"
strCan = "Cancel"
strTitle = conAppName & " --- Save to Excel?"
```

Now when this  
line is called  
"Select Case"

## How does an Advanced Message box Work?

Well your code is called on a  
Line by line basis, one line  
after the other

```
Select Case MsgBox(strMsg1 & vbCrLf & vbCrLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
```

```
Case vbYes:
```

```
MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _
"This Process can take several Seconds, You will receive Notification when the process has Completed. " & _
"Press OK to Continue", , conAppName & " --- Press OK to Continue!"
```

```
Case vbNo: 'Do not save or undo
```

```
'Do nothing
```

```
Exit Function
```

```
Case vbCancel: 'Undo the changes
```

```
'DoCmd.RunCommand acCmdUndo
```

```
Exit Function
```

```
Case Else: 'Default case to trap any errors
```

```
'Do nothing
```

```
MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName
```

```
End Select
```

```

Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String

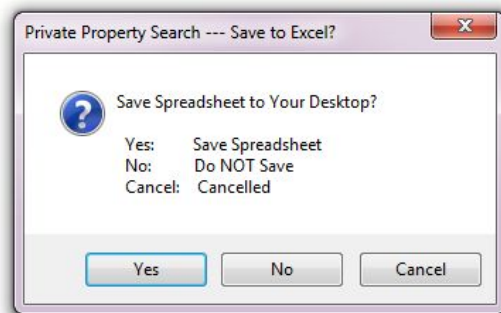
```

```

strMsg1 = "Save Spreadsheet to Your Desktop?"
strYes = "Yes"
strNo = "No"
strCan = "Cancel"
strTitle = conAppName & " --- Save to Excel?"

```

The Message  
Box Opens



```

Select Case MsgBox(strMsg1 & vbCrLf & vbLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)

```

```

Case vbYes:

```

```

    MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _
    "This Process can take several Seconds, You will receive Notification when the process has Completed. " & _
    "Press OK to Continue", , conAppName & " --- Press OK to Continue!"

```

```

Case vbNo: 'Do not save or undo

```

```

    'Do nothing
    Exit Function

```

```

Case vbCancel: 'Undo the changes

```

```

    'DoCmd.RunCommand acCmdUndo
    Exit Function

```

```

Case Else: 'Default case to trap any errors

```

```

    'Do nothing
    MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName

```

```

End Select

```

```

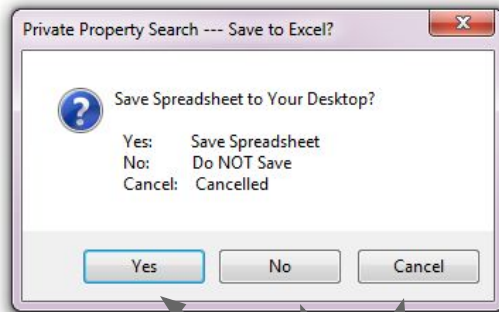
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String

```

```

strMsg1 = "Save Spreadsheet to Your Desktop?"
strYes = " Yes:          Save Spreadsheet"
strNo = " No:           Do NOT Save"
strCan = " Cancel:     Cancelled"
strTitle = conAppName & " --- Save to Excel?"

```



```

Select Case MsgBox(strMsg1 & vbCrLf & vbLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)

```

```

Case vbYes:

```

```

    MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _
    "This Process can take several Seconds, You will receive Notif" & _
    "Press OK to Continue", , conAppName & " --- Press OK to Conti"

```

```

Case vbNo: 'Do not save or undo
    'Do nothing
    Exit Function

```

```

Case vbCancel: 'Undo the changes
    'DoCmd.RunCommand acCmdUndo
    Exit Function

```

```

Case Else: 'Default case to trap any errors
    'Do nothing

```

```

    MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName

```

```

End Select

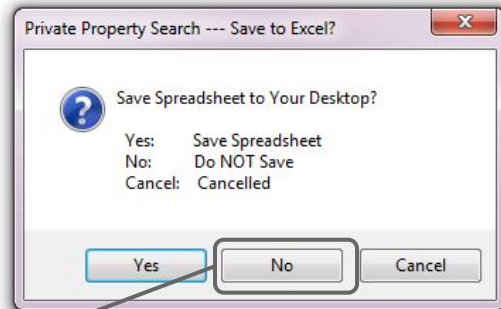
```

Nothing happens until you  
press one of the buttons on  
the Message box,  
Yes  
No  
Cancel

```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

I'll show you vbNo First because it will help you understand vbYes more easily.....

```
strMsg1 = "Save Spreadsheet to Your Desktop?"
strYes = " Yes:"
strNo = " No: Do NOT Save"
strCan = " Cancel: Cancelled"
strTitle = conAppName & " --- Save to Excel?"
```



```
Select Case MsgBox(strMsg1 & vbCrLf & vbLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
    Case vbYes:
        MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _
            "This Process can take several Seconds, You will receive Notification when the process has Completed. " & _
            "Press OK to Continue", , conAppName & " --- Press OK to Continue!"

    Case vbNo: 'Do not save or undo
        'Do nothing
        Exit Function

    Case vbCancel: 'Undo the changes
        'DoCmd.RunCommand acCmdUndo
        Exit Function

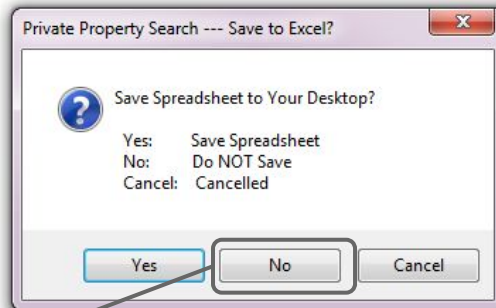
    Case Else: 'Default case to trap any errors
        'Do nothing
        MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName
End Select
```



```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

I'll show you vbNo First because it will help you understand vbYes more easily.....

```
strMsg1 = "Save Spreadsheet to Your Desktop?"
strYes = " Yes:"
strNo = " No: Do NOT Save"
strCan = " Cancel: Cancelled"
strTitle = conAppName & " --- Save to Excel?"
```



```
Select Case MsgBox(strMsg1 & vbCrLf & vbLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
```

```
Case vbYes:
```

```
MsgBox "The Spreadsheet Will Be Saved to Your Desktop."
"This Process can take several Seconds, You will receive a message box when the process is complete."
"Press OK to Continue", , conAppName & " --- Press OK to Continue"
```

```
Case vbNo: 'Do not save or undo
'Do nothing
Exit Function
```

```
Case vbCancel: 'Undo the changes
'DoCmd.RunCommand acCmdUndo
Exit Function
```

```
Case Else: 'Default case to trap any errors
'Do nothing
```

```
MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName
```

```
End Select
```

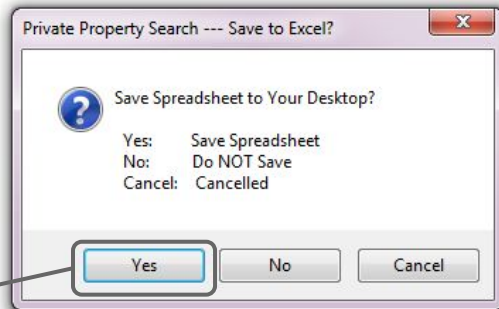
Pressing "No" sends the constant "7" through to the Select Case Statement.

The "Case" vbNo, equals "7" so the code here runs, actually, code execution ends because "Exit Function" is Called

```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

NOW... I'll show you vbYes.  
See MS Access Help:  
**MsgBox Constants**  
for more information.

```
strMsg1 = "Save Spreadsheet to Your Desktop?"
strYes = " Yes:"
strNo = " No: Do NOT Save"
strCan = " Cancel: Cancelled"
strTitle = conAppName & " --- Save to Excel?"
```



```
Select Case MsgBox(strMsg1 & vbCrLf & vbLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
```

```
Case vbYes:
```

```
MsgBox "The Spreadsheet Will Be Saved to Your Desktop.  
This Process can take several Seconds, You will receive  
Press OK to Continue", , conAppName & " --- Press OK to Continue")
```

```
Case vbNo: 'Do not save or undo  
'Do nothing  
Exit Function
```

```
Case vbCancel: 'Undo the changes  
'DoCmd.RunCommand acCmdUndo  
Exit Function
```

```
Case Else: 'Default case to trap any errors  
'Do nothing
```

```
MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName
```

```
End Select
```

Pressing "Yes" sends the constant "6" through to the Select Case Statement.

The "Case" vbYes, equals "6" so the code here runs and continues from here as there is no "Exit Function" to stop the code executing.

# A Walk Through of the Code

Original Code By: ghudson, found at the link below:

<http://www.access-programmers.co.uk/forums/showpost.php?p=432062&postcount=3>



```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

```
strMsg1 = "Save Spreadsheet to Your Desktop?"
strYes = "  Yes:          Save Spreadsheet"
strNo = "  No:           Do NOT Save"
strCan = "  Cancel:      Cancelled"
strTitle = conAppName & " --- Save to Excel?"
```

This Defines the Message Box,  
its Layout, the Text displayed,  
The Command Buttons, and the  
effect on your Code.



```
Select Case MsgBox(strMsg1 & vbCrLf & vbCrLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
    Case vbYes:
        MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _
            "This Process can take several Seconds, You will receive Notification when the process has Completed. " & _
            "Press OK to Continue", , conAppName & " --- Press OK to Continue!"

    Case vbNo: 'Do not save or undo
        'Do nothing
        Exit Function

    Case vbCancel: 'Undo the changes
        'DoCmd.RunCommand acCmdUndo
        Exit Function

    Case Else: 'Default case to trap any errors
        'Do nothing
        MsgBox "Error From --- Select Case in " & strModuleName
End Select
```

On the face of it, it looks daunting!

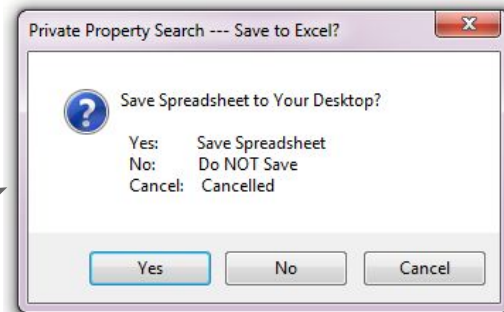
Let's break it down, I think you will be  
surprised at how simple it actually is once  
you get your head around it.

```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

This Line of Code

```
strMsg1 = "Save Spreadsheet to Your Desktop?"
strYes = "  Yes:          Save Spreadsheet"
strNo = "  No:           Do NOT Save"
strCan = "  Cancel:      Cancelled"
strTitle = conAppName & " --- Save to Excel?"
```

Creates this Message Box



```
Select Case MsgBox(strMsg1 & vbCrLf & vbLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
Case vbYes:
    MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _
        "This Process can take several Seconds, You will receive Notification when the process has Completed. " & _
        "Press OK to Continue", , conAppName & " --- Press OK to Continue!"

Case vbNo: 'Do not save or undo
    'Do nothing
    Exit Function

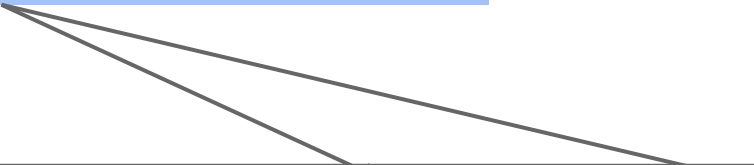
Case vbCancel: 'Undo the changes
    'DoCmd.RunCommand acCmdUndo
    Exit Function

Case Else: 'Default case to trap any errors
    'Do nothing
    MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName
End Select
```

```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

The Line of Code is composed of sections. The sections are divided by commas --- “,”

Here and Here



```
strMsg1 = "Save Spreadsheet to Your Desktop"
strYes = " Yes:          Save Spreadsheet"
strNo = " No:           Do NOT Save"
strCan = " Cancel:      Cancelled"
strTitle = conAppName & " --- Save to Excel?"
```

```
Select Case MsgBox(strMsg1 & vbCrLf & vbLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
    Case vbYes:
        MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _
            "This Process can take several Seconds, You will receive Notification when the process has Completed. " & _
            "Press OK to Continue", , conAppName & " --- Press OK to Continue!"

    Case vbNo: 'Do not save or undo
        'Do nothing
        Exit Function

    Case vbCancel: 'Undo the changes
        'DoCmd.RunCommand acCmdUndo
        Exit Function

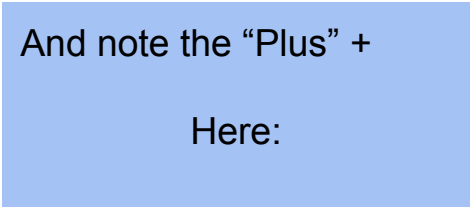
    Case Else: 'Default case to trap any errors
        'Do nothing
        MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName
End Select
```

```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

```
strMsg1 = "Save Spreadsheet to Your Desktop?"
strYes = "  Yes:          Save Spreadsheet"
strNo = "  No:           Do NOT Save"
strCan = "  Cancel:      Cancelled"
strTitle = conAppName & " --- Save to Excel?"
```

And note the "Plus" +

Here:



```
Select Case MsgBox(strMsg1 & vbCrLf & vbCrLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
    Case vbYes:
        MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _
            "This Process can take several Seconds, You will receive Notification when the process has Completed. " & _
            "Press OK to Continue", , conAppName & " --- Press OK to Continue!"

    Case vbNo: 'Do not save or undo
        'Do nothing
        Exit Function

    Case vbCancel: 'Undo the changes
        'DoCmd.RunCommand acCmdUndo
        Exit Function

    Case Else: 'Default case to trap any errors
        'Do nothing
        MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName
End Select
```

```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

```
strMsg1 = "Save Spreadsheet to Your Desktop?"
strYes = " Yes:          Save Spreadsheet"
strNo = " No:           Do NOT Save"
strCan = " Cancel:      Cancelled"
strTitle = conAppName & " --- Save to Excel?"
```

And note the “Plus” +

Here:

```
Select Case MsgBox(strMsg1 & vbCrLf & vbCrLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
```

```
Case vbYes:
```

```
MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _
"This Process can take several Seconds, You will receive Notification when the process has Completed. " & _
"Press OK to Continue", , conAppName & " --- Press OK to Continue!"
```

```
Case vbNo: 'Do not save or undo
```

```
'Do nothing
```

```
Exit Function
```

```
Case vbCancel: 'Undo the changes
```

```
'DoCmd.RunCommand acCmdUndo
```

```
Exit Function
```

```
Case Else: 'Default case to trap any errors
```

```
'Do nothing
```

```
MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName
```

```
End Select
```

I don't know much about the “PLUS” “+”  
accept I do, (I Think)

It adds the value of vbYesNoCancel and  
vbQuestion together to produce another  
number, which affects how/what the  
message box displays.



```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

```
strMsg1 = "Save Spreadsheet to Your Desktop?"
strYes = "  Yes:          Save Spreadsheet"
strNo = "  No:           Do NOT Save"
strCan = "  Cancel:      Cancelled"
strTitle = conAppName & " --- Save to Excel?"
```

We can get a better idea of how this line of code creates the “Advanced Message Box” if we break this line into smaller parts ---

A logical place to divide it would be at the Commas.

```
Select Case MsgBox(strMsg1 & vbCrLf & vbCrLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
    Case vbYes:
        MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _
            "This Process can take several Seconds, You will receive Notification when the process has Completed. " & _
            "Press OK to Continue", , conAppName & " --- Press OK to Continue!"

    Case vbNo: 'Do not save or undo
        'Do nothing
        Exit Function

    Case vbCancel: 'Undo the changes
        'DoCmd.RunCommand acCmdUndo
        Exit Function

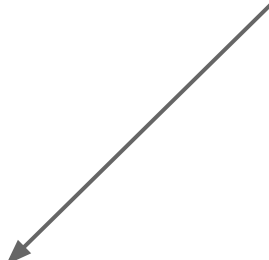
    Case Else: 'Default case to trap any errors
        'Do nothing
        MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName
End Select
```

```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

```
strMsg1 = "Save Spreadsheet to Your Desktop?"
strYes = "  Yes:          Save Spreadsheet"
strNo = "  No:           Do NOT Save"
strCan = "  Cancel:      Cancelled"
strTitle = conAppName & " --- Save to Excel?"
```

**The First Section (up to the first comma)  
handles the Text displayed in the Message  
Box. You can display any  
instructions/information you want**

**(within reason)**



```
Select Case MsgBox(strMsg1 & vbCrLf & vbCrLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
    Case vbYes:
        MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _
            "This Process can take several Seconds, You will receive Notification when the process has Completed. " & _
            "Press OK to Continue", , conAppName & " --- Press OK to Continue!"

    Case vbNo: 'Do not save or undo
        'Do nothing
        Exit Function

    Case vbCancel: 'Undo the changes
        'DoCmd.RunCommand acCmdUndo
        Exit Function

    Case Else: 'Default case to trap any errors
        'Do nothing
        MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName
End Select
```



```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

```
strMsg1 = "Save Spreadsheet to Your Desktop?"
strYes = "  Yes:          Save Spreadsheet"
strNo = "  No:           Do NOT Save"
strCan = "  Cancel:      Cancelled"
strTitle = conAppName & " --- Save to Excel?"
```

**Let's Break this first section Down!**

```
Select Case MsgBox(strMsg1 & vbCrLf & vbCrLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
    Case vbYes:
        MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _
            "This Process can take several Seconds, You will receive Notification when the process has Completed. " & _
            "Press OK to Continue", , conAppName & " --- Press OK to Continue!"

    Case vbNo: 'Do not save or undo
        'Do nothing
        Exit Function

    Case vbCancel: 'Undo the changes
        'DoCmd.RunCommand acCmdUndo
        Exit Function

    Case Else: 'Default case to trap any errors
        'Do nothing
        MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName
End Select
```

```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

```
strMsg1 = "Save Spreadsheet to Your Desktop?"
strYes = "  Yes:          Save Spreadsheet"
strNo = "  No:           Do NOT Save"
strCan = "  Cancel:      Cancelled"
strTitle = conAppName & " --- Save to Excel?"
```

**First, Let's look at these String Variables**

```
Select Case MsgBox(strMsg1 & vbCrLf & vbCrLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
    Case vbYes:
        MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _
            "This Process can take several Seconds, You will receive Notification when the process has Completed. " & _
            "Press OK to Continue", , conAppName & " --- Press OK to Continue!"

    Case vbNo: 'Do not save or undo
        'Do nothing
        Exit Function

    Case vbCancel: 'Undo the changes
        'DoCmd.RunCommand acCmdUndo
        Exit Function

    Case Else: 'Default case to trap any errors
        'Do nothing
        MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName
End Select
```

```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

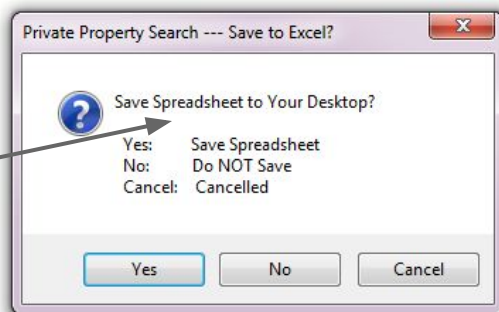
```
strMsg1 = "Save Spreadsheet to Your Desktop?"
```

```
strYes = " Yes:      Save Spreadsheet"
```

```
strNo = " No:      Do NOT Save"
```

```
strCan = " Cancel:  Cancelled"
```

```
strTitle = conAppName & " --- Save to Excel?"
```



```
Select Case MsgBox(strMsg1 & vbCrLf & vbCrLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
```

```
Case vbYes:
```

```
MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _  
"This Process can take several Seconds, You will receive Notification when the process has Completed. " & _  
"Press OK to Continue", , conAppName & " --- Press OK to Continue!"
```

```
Case vbNo: 'Do not save or undo
```

```
'Do nothing
```

```
Exit Function
```

```
Case vbCancel: 'Undo the changes
```

```
'DoCmd.RunCommand acCmdUndo
```

```
Exit Function
```

```
Case Else: 'Default case to trap any errors
```

```
'Do nothing
```

```
MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName
```

```
End Select
```

```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

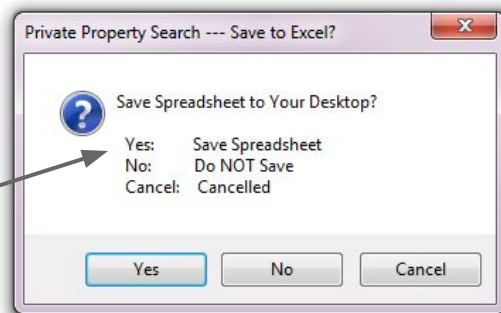
```
strMsg1 = "Save Spreadsheet to Your Desktop?"
```

```
strYes = " Yes:      Save Spreadsheet"
```

```
strNo = " No:      Do NOT Save"
```

```
strCan = " Cancel:  Cancelled"
```

```
strTitle = conAppName & " --- Save to Excel?"
```



```
Select Case MsgBox(strMsg1 & vbCrLf & vbLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
```

```
Case vbYes:
```

```
MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _  
"This Process can take several Seconds, You will receive Notification when the process has Completed. " & _  
"Press OK to Continue", , conAppName & " --- Press OK to Continue!"
```

```
Case vbNo: 'Do not save or undo
```

```
'Do nothing
```

```
Exit Function
```

```
Case vbCancel: 'Undo the changes
```

```
'DoCmd.RunCommand acCmdUndo
```

```
Exit Function
```

```
Case Else: 'Default case to trap any errors
```

```
'Do nothing
```

```
MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName
```

```
End Select
```

```

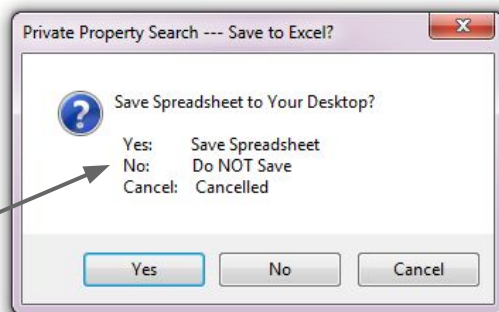
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String

```

```

strMsg1 = "Save Spreadsheet to Your Desktop?"
strYes = "  Yes:          Save Spreadsheet"
strNo = "  No:           Do NOT Save"
strCan = "  Cancel:      Cancelled"
strTitle = conAppName & " --- Save to Excel?"

```



```

Select Case MsgBox(strMsg1 & vbCrLf & vbLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
    Case vbYes:
        MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _
            "This Process can take several Seconds, You will receive Notification when the process has Completed. " & _
            "Press OK to Continue", , conAppName & " --- Press OK to Continue!"

    Case vbNo: 'Do not save or undo
        'Do nothing
        Exit Function

    Case vbCancel: 'Undo the changes
        'DoCmd.RunCommand acCmdUndo
        Exit Function

    Case Else: 'Default case to trap any errors
        'Do nothing
        MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName

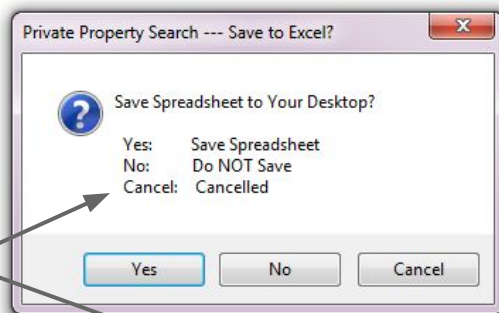
End Select

```



```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

```
strMsg1 = "Save Spreadsheet to Your Desktop?"
strYes = " Yes:      Save Spreadsheet"
strNo = " No:       Do NOT Save"
strCan = " Cancel:   Cancelled"
strTitle = conAppName & " --- Save to Excel?"
```



```
Select Case MsgBox(strMsg1 & vbCrLf & vbCrLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
    Case vbYes:
        MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _
            "This Process can take several Seconds, You will receive Notification when the process has Completed. " & _
            "Press OK to Continue", , conAppName & " --- Press OK to Continue!"

    Case vbNo: 'Do not save or undo
        'Do nothing
        Exit Function

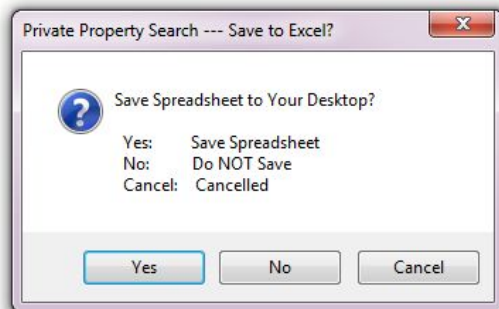
    Case vbCancel: 'Undo the changes
        'DoCmd.RunCommand acCmdUndo
        Exit Function

    Case Else: 'Default case to trap any errors
        'Do nothing
        MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName
End Select
```



```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

```
strMsg1 = "Save Spreadsheet to Your Desktop?"
strYes = " Yes:          Save Spreadsheet"
strNo = " No:           Do NOT Save"
strCan = " Cancel:      Cancelled"
strTitle = conAppName & " --- Save to Excel?"
```



```
Select Case MsgBox(strMsg1 & vbCrLf & vbCrLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
    Case vbYes:
        MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _
            "This Process can take several Seconds, You will receive Notification when the process has Completed. " & _
            "Press OK to Continue", , conAppName & " --- Press OK to Continue!"

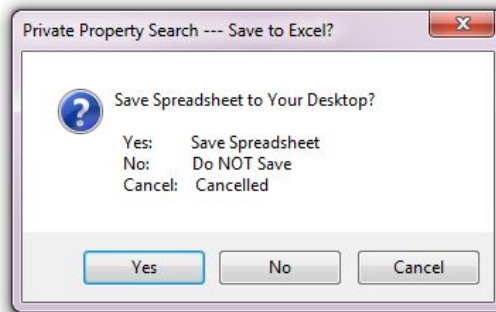
    Case vbNo: 'Do not save or undo
        'Do nothing
        Exit Function

    Case vbCancel: 'Undo the changes
        'DoCmd.RunCommand acCmdUndo
        Exit Function

    Case Else: 'Default case to trap any errors
        'Do nothing
        MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName
End Select
```

```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

```
strMsg1 = "Save Spreadsheet to Your Desktop?"
strYes = " Yes:      Save Spreadsheet"
strNo = " No:       Do NOT Save"
strCan = " Cancel:   Cancelled"
strTitle = conAppName & " --- Save to Excel?"
```



```
Select Case MsgBox(strMsg1 & vbCrLf & vbCrLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
```

What's conAppName?

It is a constant in a module. This constant is a string which represents the name of the current project.

```
Case vbYes:
    MsgBox "Saved to Your Desktop. " & _
        "Thanks, You will receive Notification when the process has Completed. " & _
        "Press OK to Continue!"

Case vbNo:
    'Do nothing
    MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName

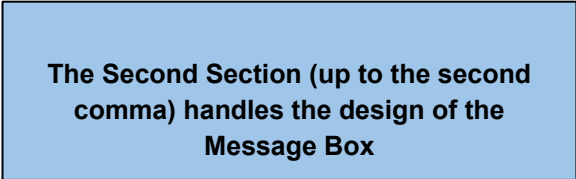
Case Else: 'Default case to trap any errors
    'Do nothing
    MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName

End Select
```

```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

```
strMsg1 = "Save Spreadsheet to Your Desktop?"
strYes = " Yes:          Save Spreadsheet"
strNo = " No:           Do NOT Save"
strCan = " Cancel:      Cancelled"
strTitle = conAppName & " --- Save to Excel?"
```

**The Second Section (up to the second comma) handles the design of the Message Box**



```
Select Case MsgBox(strMsg1 & vbCrLf & vbCrLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
    Case vbYes:
        MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _
            "This Process can take several Seconds, You will receive Notification when the process has Completed. " & _
            "Press OK to Continue", , conAppName & " --- Press OK to Continue!"

    Case vbNo: 'Do not save or undo
        'Do nothing
        Exit Function

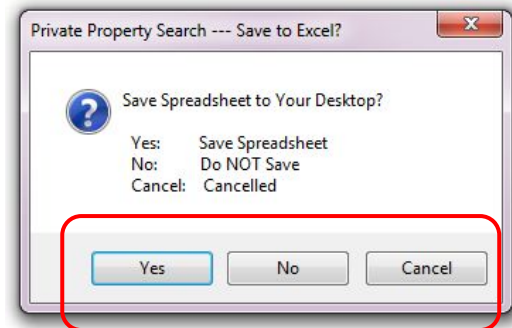
    Case vbCancel: 'Undo the changes
        'DoCmd.RunCommand acCmdUndo
        Exit Function

    Case Else: 'Default case to trap any errors
        'Do nothing
        MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName
End Select
```

```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

```
strMsg1 = "Save Spreadsheet to Your Desktop?"
strYes = " Yes:          Save Spreadsheet"
strNo = " No:           Do NOT Save"
strCan = " Cancel:      Cancelled"
strTitle = conAppName & " --- Save to Excel?"
```

You control the buttons displayed here:



```
Select Case MsgBox(strMsg1 & vbCrLf & vbCrLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
    Case vbYes:
        MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _
            "This Process can take several Seconds, You will receive Notification when the process has Completed. " & _
            "Press OK to Continue", , conAppName & " --- Press OK to Continue!"

    Case vbNo: 'Do not save or undo
        'Do nothing
        Exit Function

    Case vbCancel: 'Undo the changes
        'DoCmd.RunCommand acCmdUndo
        Exit Function

    Case Else: 'Default case to trap any errors
        'Do nothing
        MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName
End Select
```

```
Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String
```

```
strMsg1 = "Save Spreadsheet to Your Desktop?"
```

```
strYes = " Yes:
```

```
strNo = " No:
```

```
strCan = " Cancel: C
```

```
strTitle = conAppName & "
```

```
Select Case MsgBox(str
```

```
Case vbYes:
```

```
MsgBox "The "
```

```
"This Proces
```

```
"Press OK to
```

```
Case vbNo: 'Do no
```

```
'Do nothing
```

```
Exit Function
```

```
Case vbCancel: 'I
```

```
'DoCmd.RunCom
```

```
Exit Function
```

```
Case Else: 'Defa
```

```
'Do nothing
```

```
MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName
```

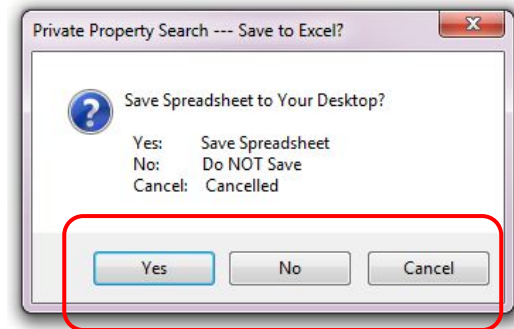
```
End Select
```

The thing to bear in mind is that the buttons do not do anything on their own. Just because a button is titled "Yes" or "No" or "Cancel" does not mean that the button will perform that particular function, all the button will do is pass along a value.

"Yes" passes along the value 6

"No" passes along the value 7

And because the message box was triggered from the Select Case Statement then the message box value is passed back into the Select Case.



```
Can & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
```

```
the process has Completed. " & _
```



```

Dim strMsg1 As String
Dim strYes As String
Dim strNo As String
Dim strCan As String
Dim strTitle As String

```

```

strMsg1 = "Save Spreadsheet to Your Desktop?"
strYes = " Yes:          Save Spreadsheet"
strNo = " No:           Do NOT Save"
strCan = " Cancel:      Cancelled"
strTitle = conAppName & " --- Save to Excel?"

```

You control the Icon displayed here:

```

Select Case MsgBox(strMsg1 & vbCrLf & vbCrLf & strYes & vbCrLf & strNo & vbCrLf & strCan & vbCrLf, vbYesNoCancel + vbQuestion, strTitle)
Case vbYes:
    MsgBox "The Spreadsheet Will Be Saved to Your Desktop. " & _
        "This Process can take several Seconds, You will receive Notification when the process has Completed. " & _
        "Press OK to Continue", , conAppName & " --- Press OK to Continue!"

Case vbNo: 'Do not save or undo
    'Do nothing
    Exit Function

Case vbCancel: 'Undo the changes
    'DoCmd.RunCommand acCmdUndo
    Exit Function

Case Else: 'Default case to trap any errors
    'Do nothing
    MsgBox "Error From --- Select Case in " & strModuleName & ", " & strSubName
End Select

```

