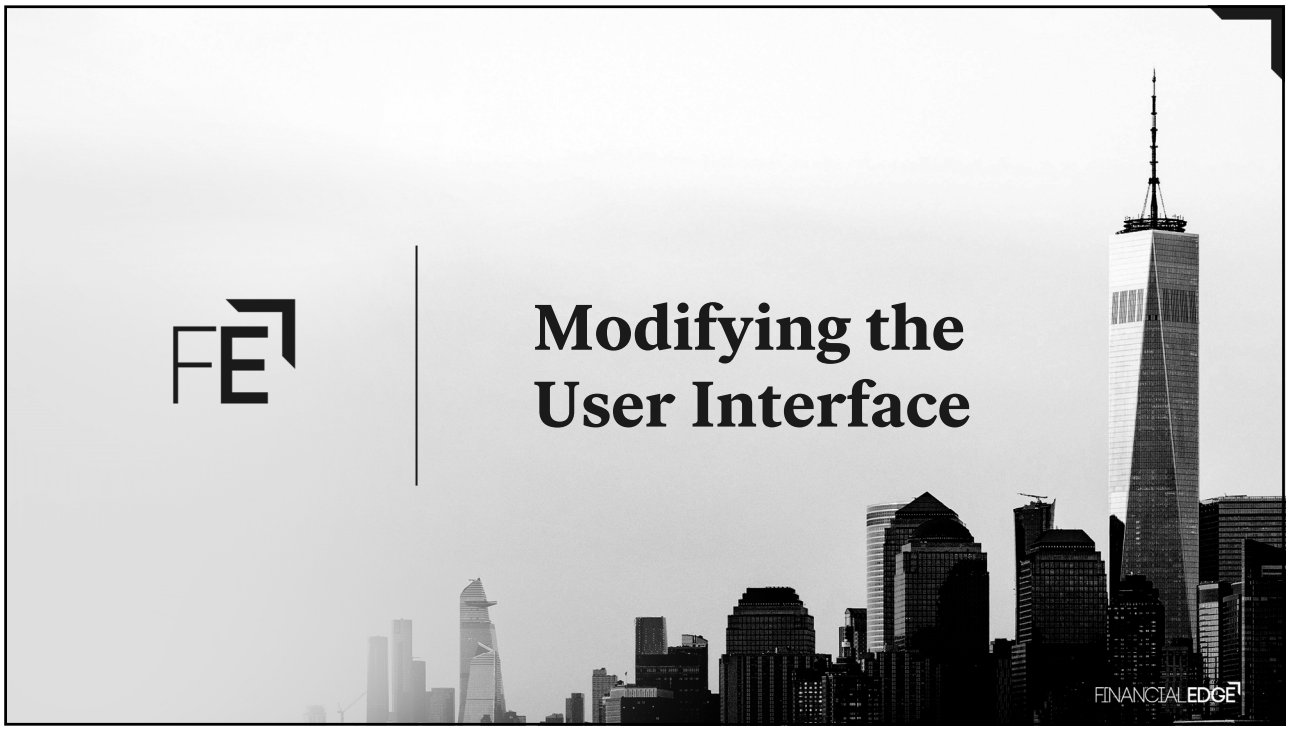
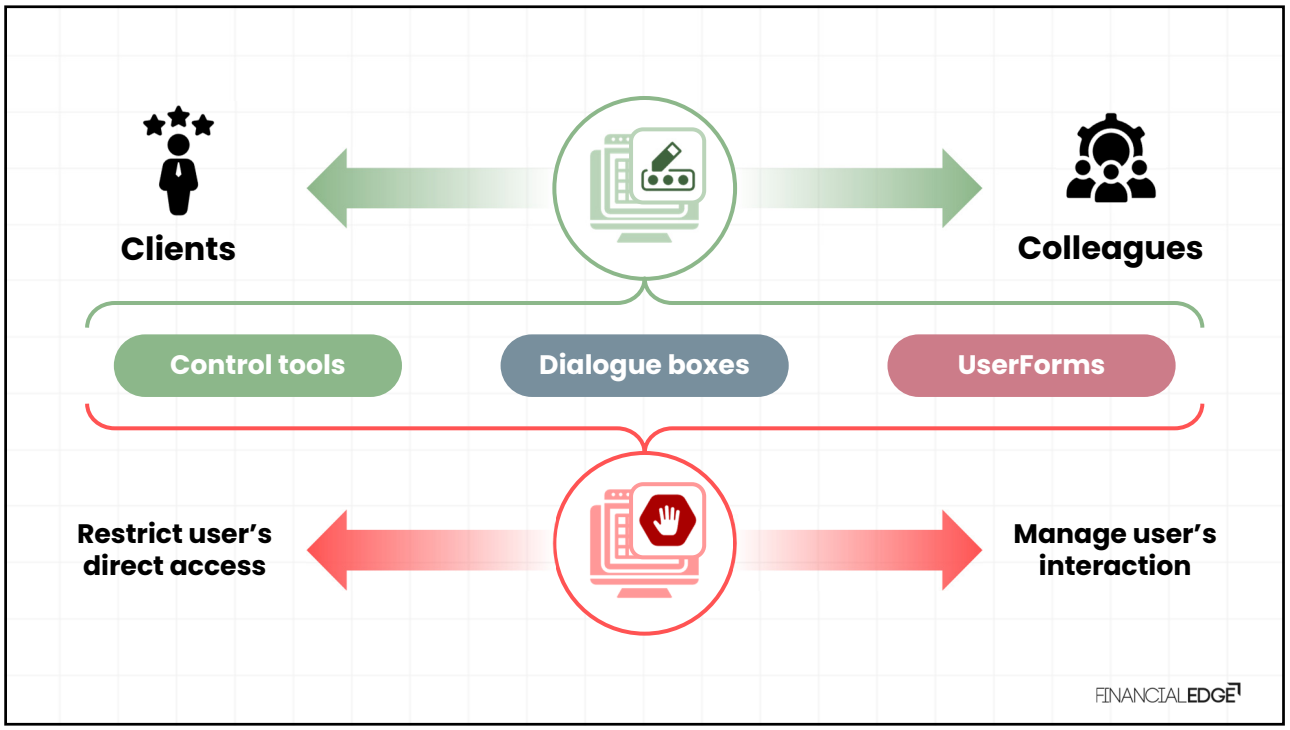
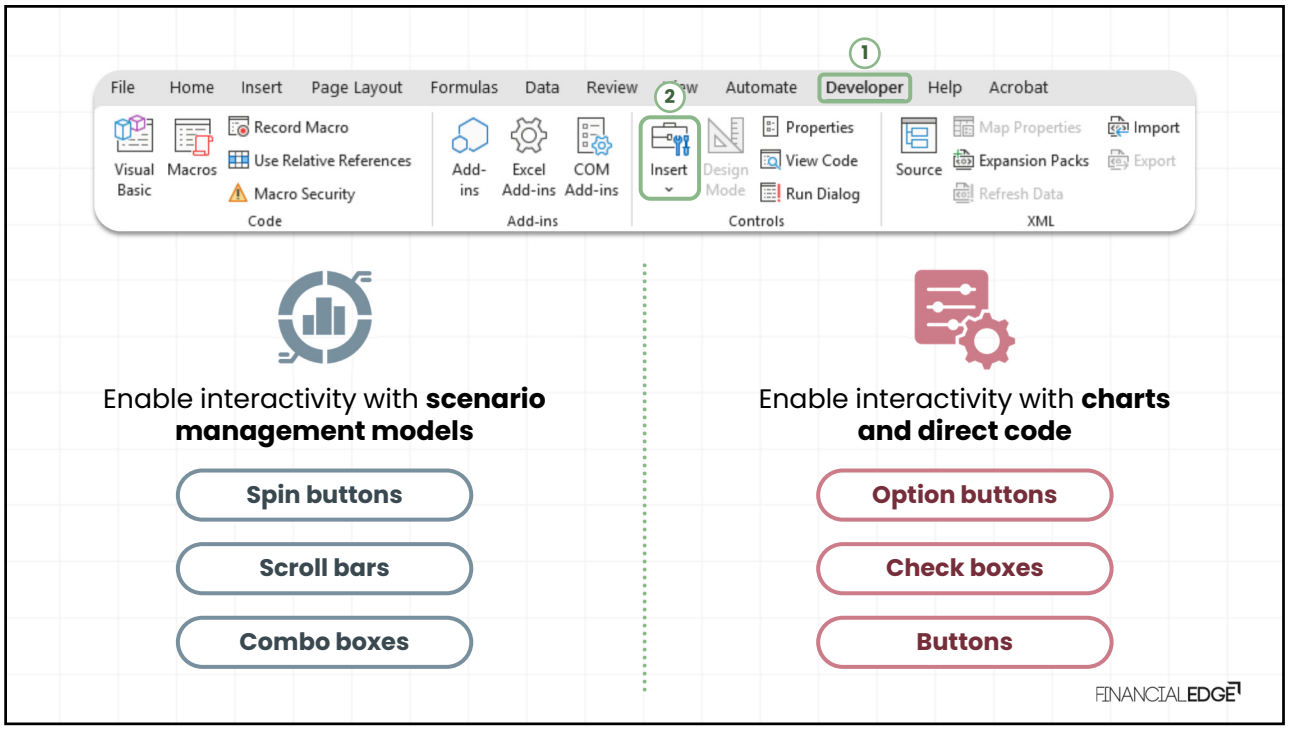


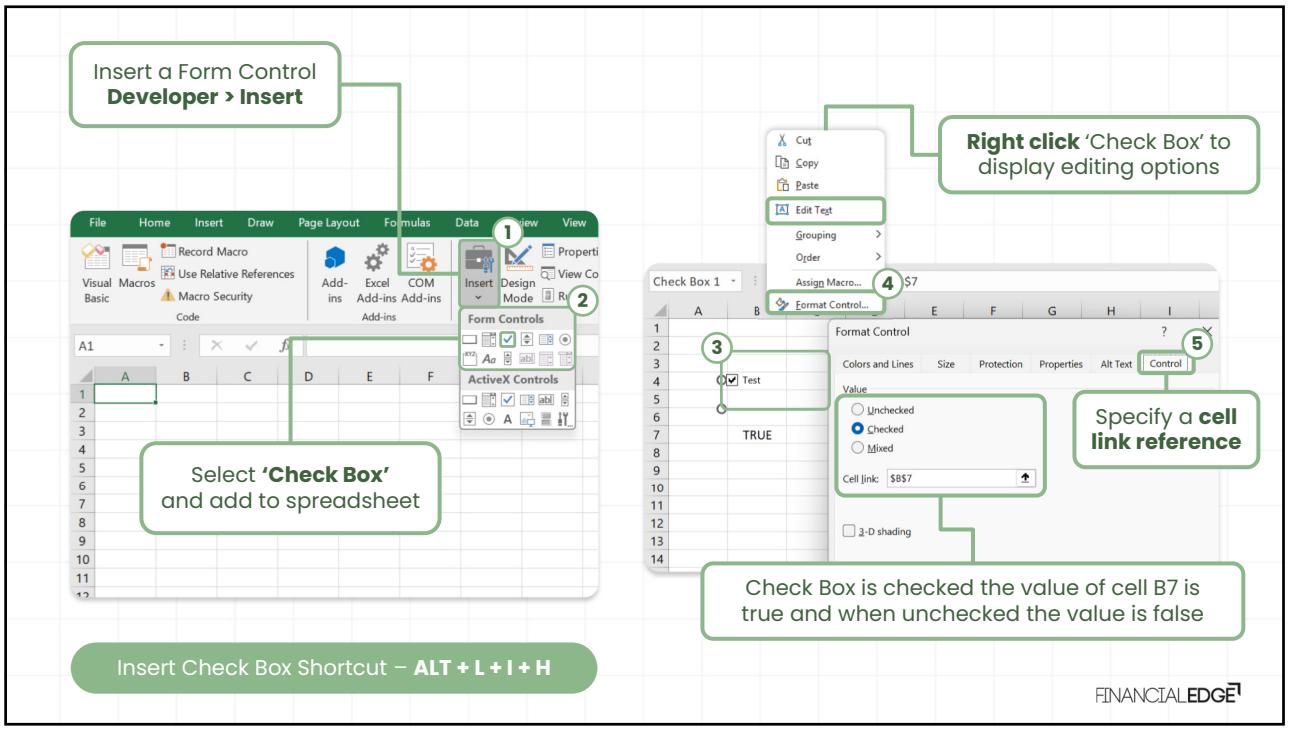
Form Controls on a Worksheet

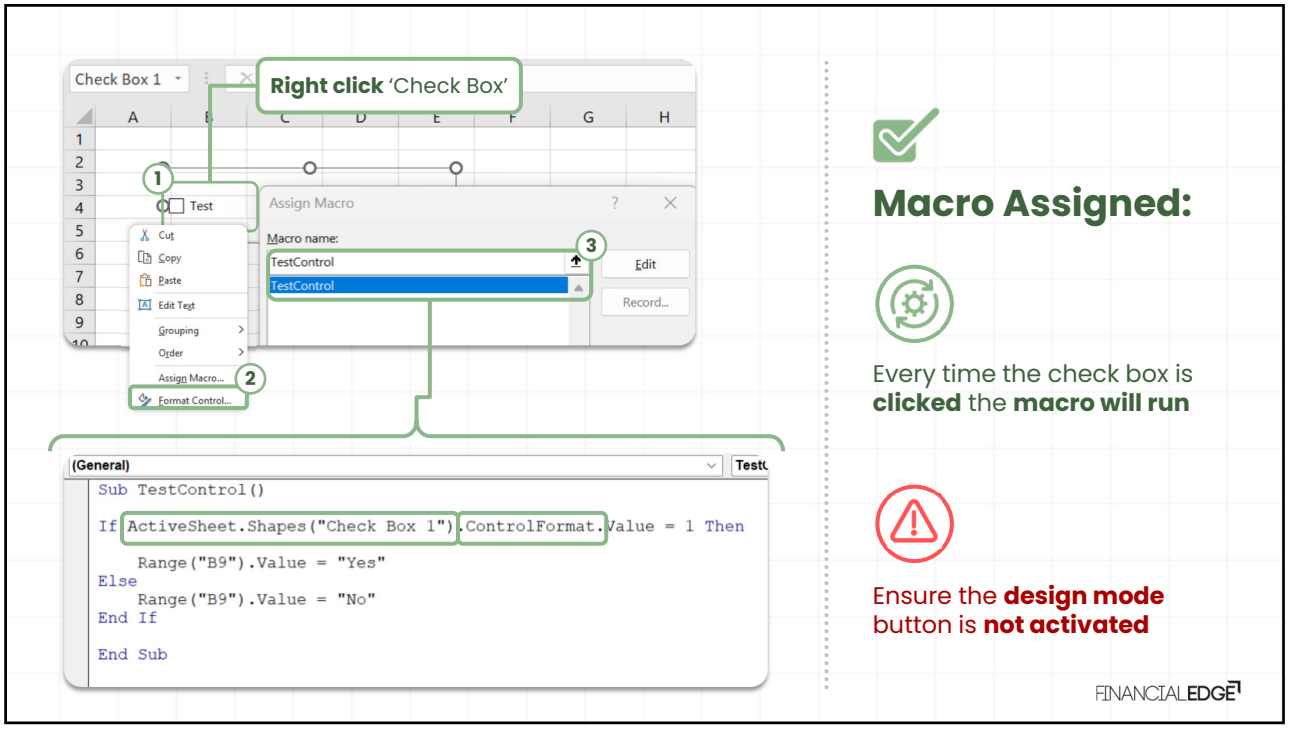
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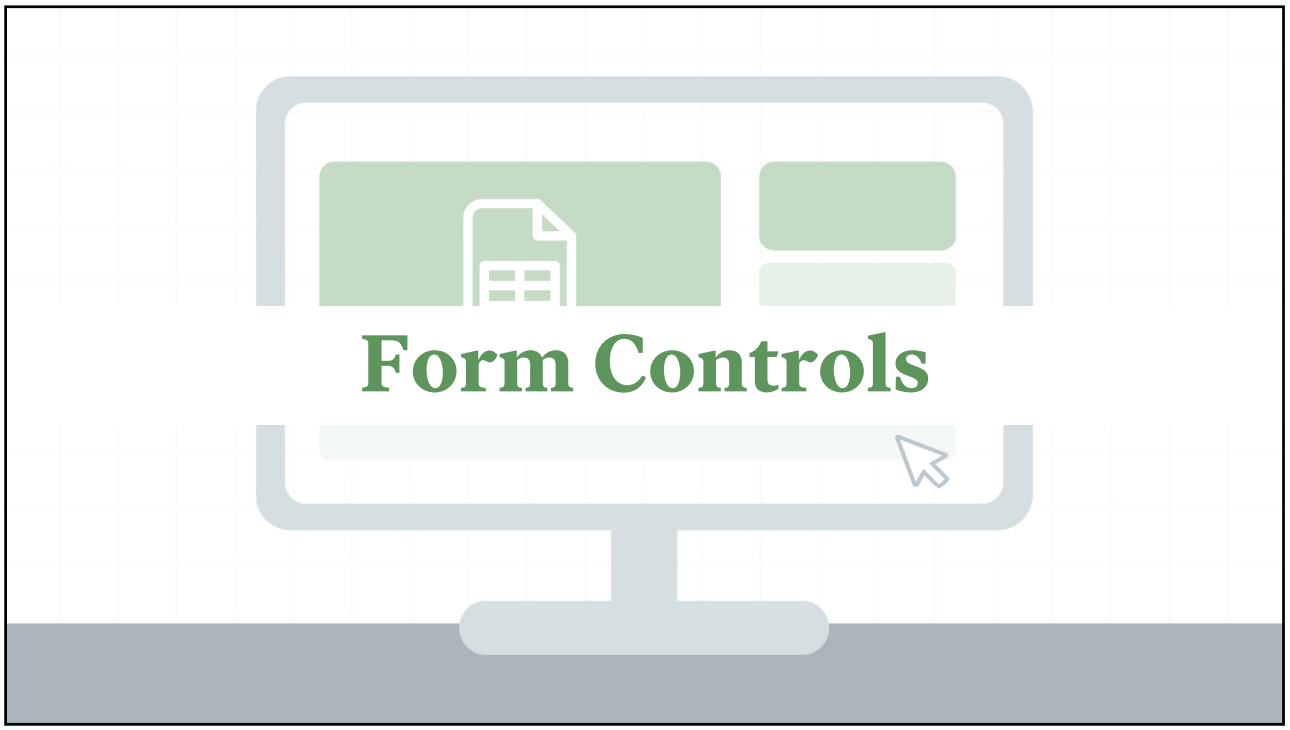


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Form Controls

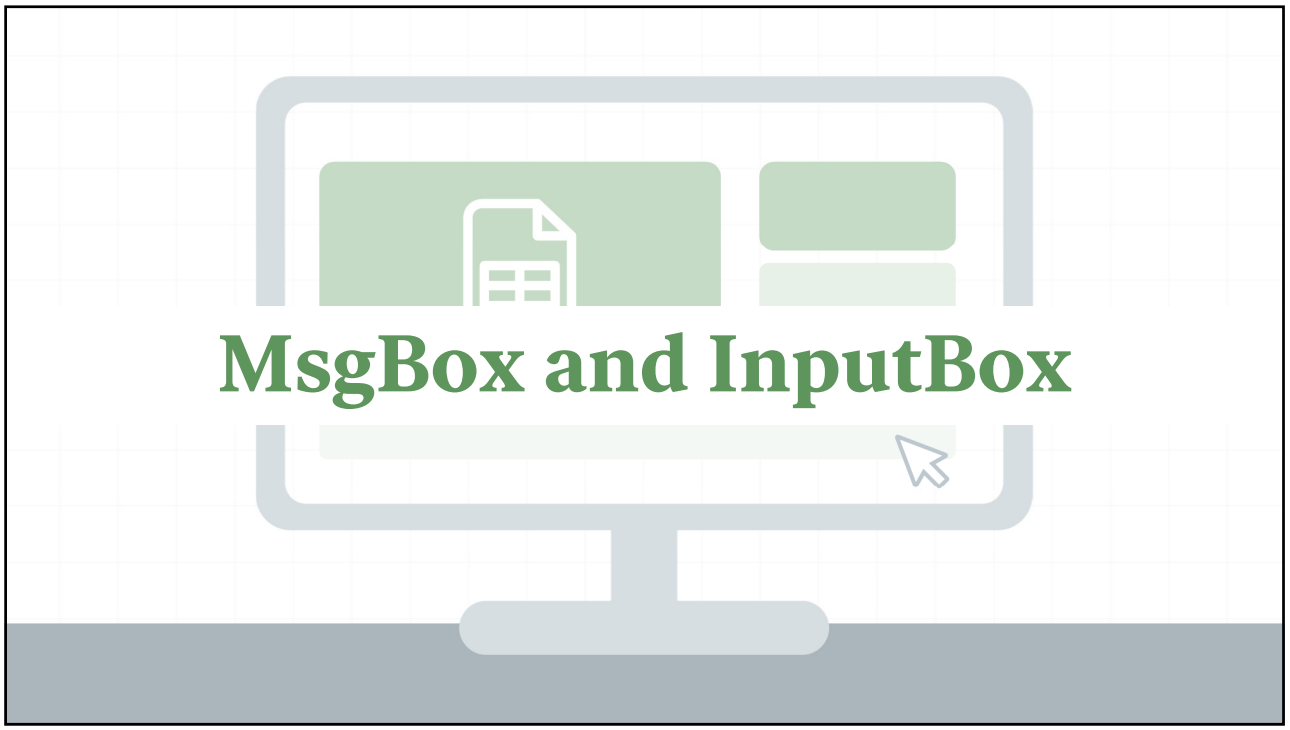
- Easy way to **add interactivity** to a worksheet
- **May not require Excel VBA** to achieve the functionality required
- Any macro can be **attached** to a **Form Control**
- **Minimal customization** is possible
- Responds to click and change events **only**

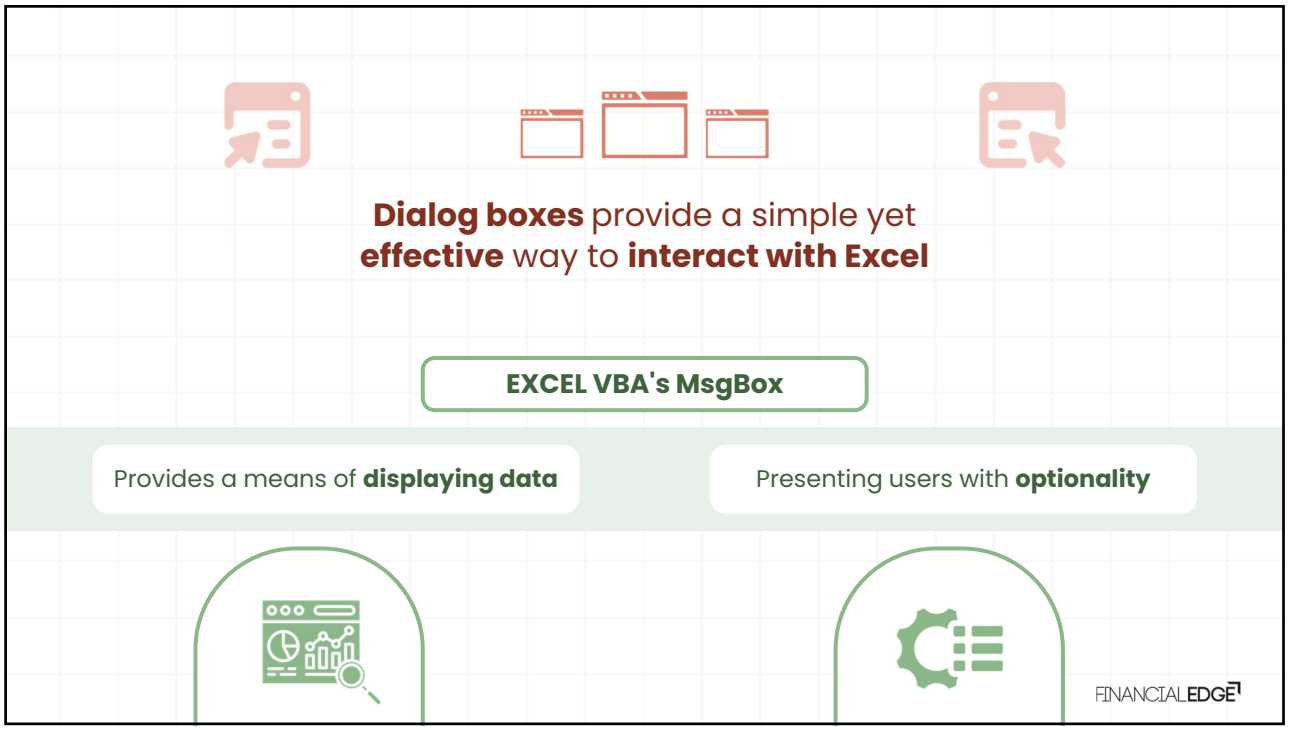
ActiveX Controls

- **Extensive customization** via the Properties box
- Will respond to a number of **different events**
- May pose **security risks**
- ActiveX will be **disabled** by default in Microsoft Office 2024
- Consider an **Excel Add-in** to provide similar functionality **without the security risk**

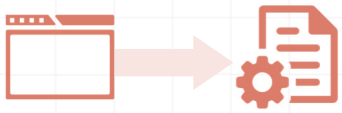
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The **MsgBox** has a number of **arguments** and can be used to **direct a procedure**

Apart from **Prompt,** all arguments are optional

With **vbYesNo** used as button arguments

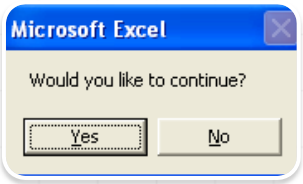
MsgBox(***Prompt***, [*Buttons As* VbMsgBoxStyle = vbOKOnly], [*Title*], [*HelpFile*], [*Context*]) As VbMsgBoxResult

```
Sub Test()

Dim Answer As Integer

Answer = MsgBox("Would you like to continue?", vbYesNo)
    If Answer = vbYes Then
        Range("a1").Value = 1
    Else
        Range("a1").Value = 0
    End If

End Sub
```



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VBA EDITOR

Press the shortcut key F1 F1

To access the **Help menu**

If **VBYes is selected**

Cell A1 takes the **value of 1**

```
Sub Test()

Dim Answer As Integer

Answer = MsgBox("Would you like to continue?", vbYesNo)
    If Answer = vbYes Then
        Range("a1").Value = 1
    Else
        Range("a1").Value = 0
    End If

End Sub
```

If **VBNo is selected**

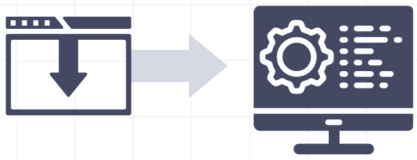
Cell A1 takes the **value of 0**

The third argument is "**title**"

The title of the **MsgBox** could be changed from **Microsoft Excel** to our **desired statement**

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InputBoxes allow specific **input** from a **user** to **direct** subsequent **code instructions**

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Range ("A1") .value = InputBox ("Add company name", "Company list")

InputBox(*Prompt*, [*Title*], [*Default*], [*XPos*], [*YPos*], [*HelpFile*], [*Context*]) As String

InputBox function

- Allows users to **input text** into a **dialogue box**
- Has a number of arguments. Apart from **Prompt,** all arguments are **optional**
- Offers **limited functionality**
- Will only accept **text input** and **return a string** containing the **contents of that input box**

1 **The Prompt appears** in the **input box**

Here add **company name**

2 **The Title**

Company list

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To enable an **InputBox** to accept a range, a range object variable must first be **declared in the code**

```
Dim WorkRange as Range

Set WorkRange = InputBox("Enter range:", "Data to use", Type:=8)
```

Quick info box appear to **provide information** on the arguments

The important argument here is **Type**

Type

Dictates the **type of item** the InputBox will accept

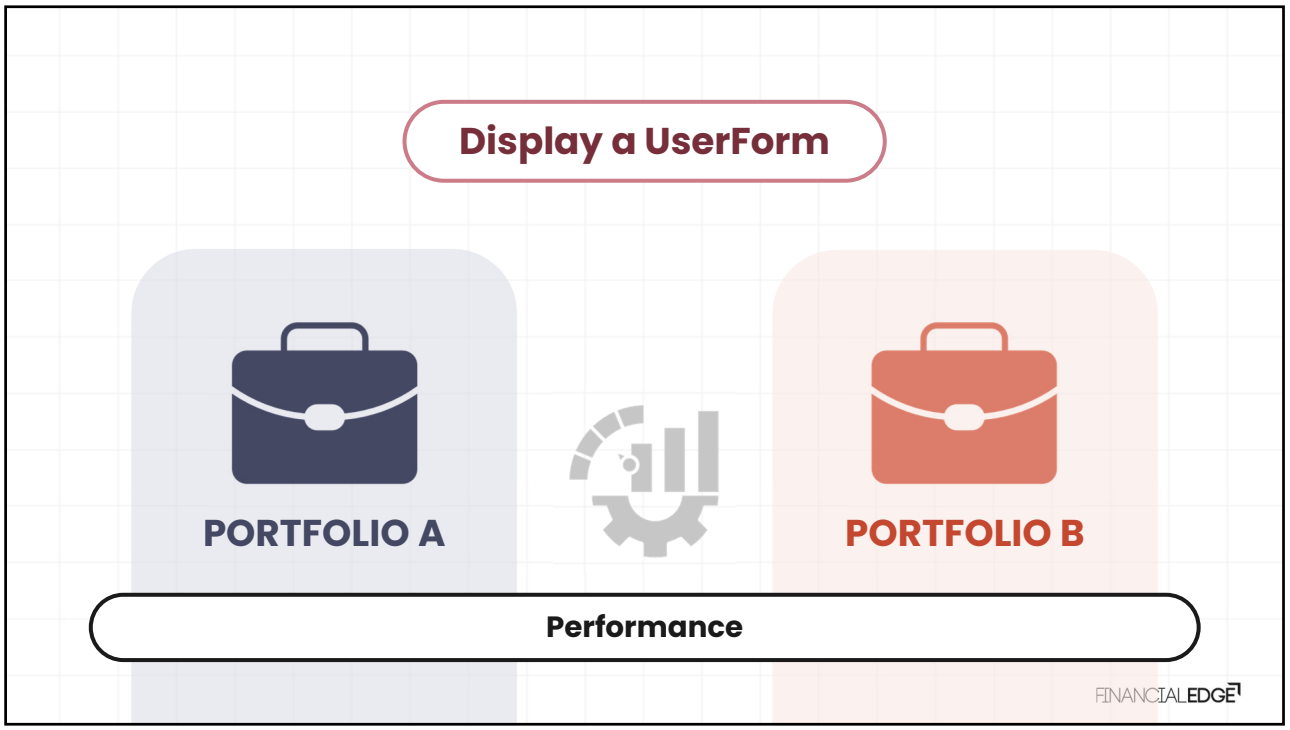
Pressing F1 for help

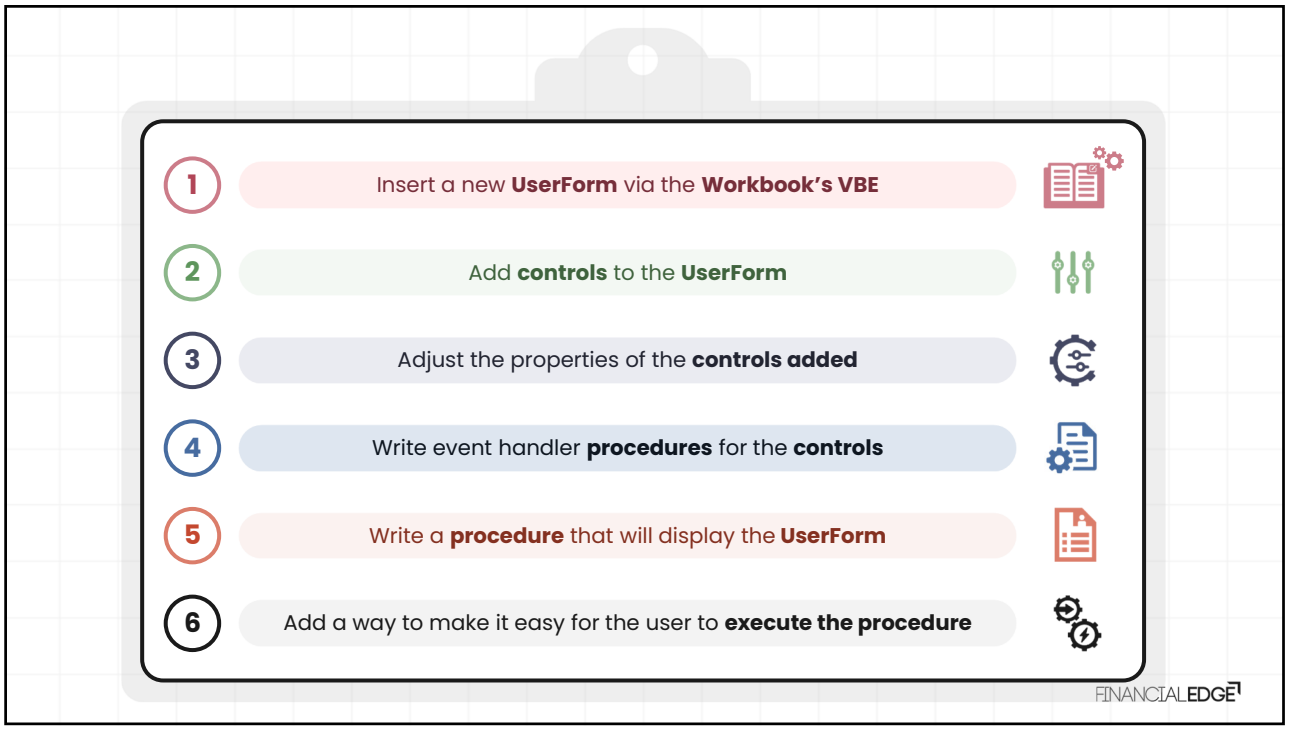
Will give us information on the **other values** that the **type argument** can **accept**

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