

# VBA INPUT BOX

[http://www.tutorialspoint.com/vba/vba\\_input\\_box.htm](http://www.tutorialspoint.com/vba/vba_input_box.htm)

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## What is an Input Box?

The InputBox function helps the user to get the values from the user. After entering the values, if the user clicks the OK button or presses ENTER on the keyboard, the InputBox function will return the text in the text box. If the user clicks on the Cancel button, the function will return an empty string "" .

## Syntax

```
InputBox(prompt[, title][, default][, xpos][, ypos][, helpfile, context])
```

## Parameter Description :

- Prompt - A Required Parameter. A String that is displayed as a message in the dialog box. The maximum length of prompt is approximately 1024 characters. If the message extends to more than a line, then we can separate the lines using a carriage return character *Chr(13)* or a linefeed character *Chr(10)* between each line.
- Title - An Optional Parameter. A String expression displayed in the title bar of the dialog box. If the title is left blank, the application name is placed in the title bar.
- Default - An Optional Parameter. A default text in the text box that the user would like to be displayed.
- XPos - An Optional Parameter. The Position of X axis which represents the prompt distance from left side of the screen horizontally. If left blank, the input box is horizontally centered.
- YPos - An Optional Parameter. The Position of Y axis which represents the prompt distance from left side of the screen Vertically. If left blank, the input box is Vertically centered.
- helpfile - An Optional Parameter. A String expression that identifies the Help file to use to provide context-sensitive Help for the dialog box.
- context - An Optional Parameter. A Numeric expression that identifies the Help context number assigned by the Help author to the appropriate Help topic. If context is provided, helpfile must also be provided.

## Example

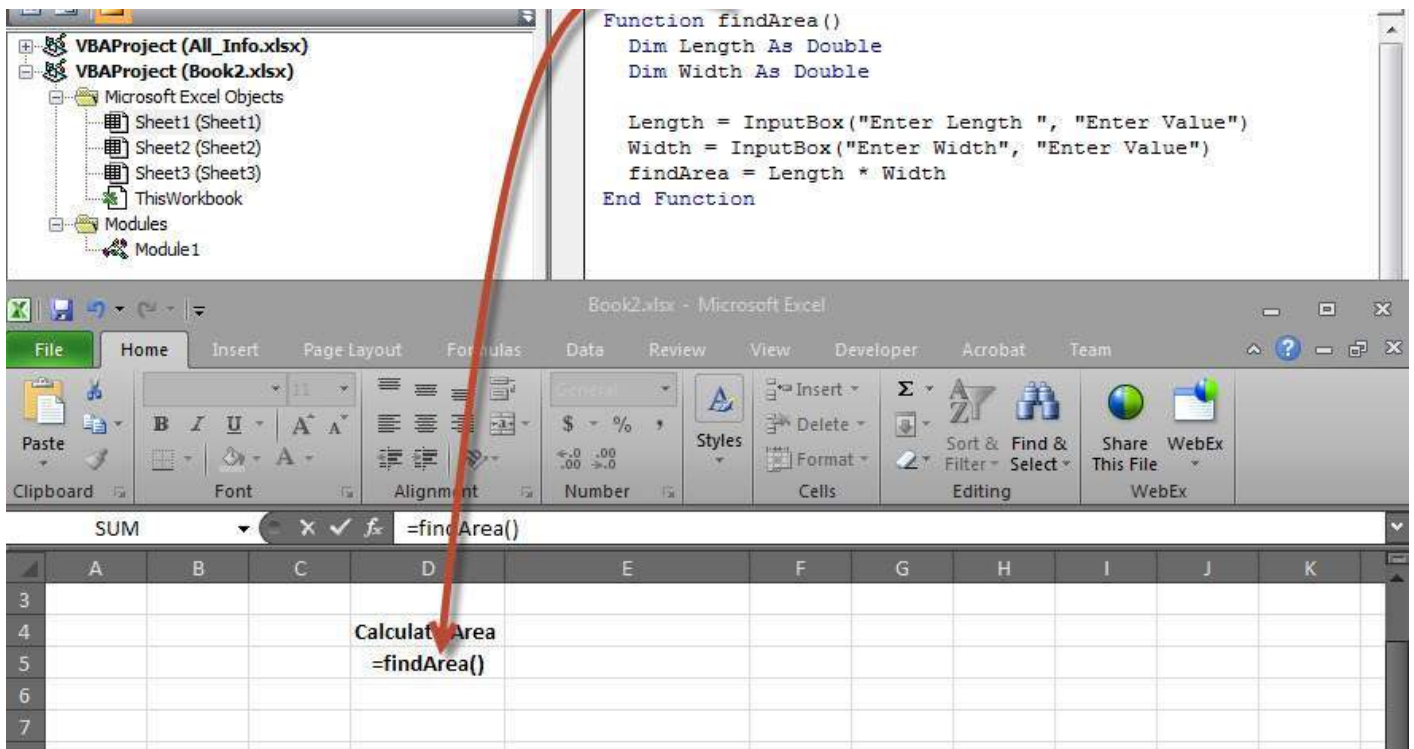
We will calculate the area of a rectangle by getting values from the user at run time with the help of two input boxes *oneforlengthandoneforwidth*

```
Function findArea()  
    Dim Length As Double  
    Dim Width As Double  
  
    Length = InputBox("Enter Length ", "Enter a Number")  
    Width = InputBox("Enter Width", "Enter a Number")  
    findArea = Length * Width  
End Function
```

## Output

1. To Execute the same, we will need to call using the function name and press Enter as shown below.





2. Upon Execution, The First Input box *Length* is displayed and user has to enter a value into the input box.

3. After entering the first value, the second input box *width* is displayed to the user.

4. Upon entering the second number and clicking OK button, the area is displayed to the user as shown below.

B	C	D	E
		Calculate Area	
		28	