

# VBA - CONSTANTS

[http://www.tutorialspoint.com/vba/vba\\_constants.htm](http://www.tutorialspoint.com/vba/vba_constants.htm)

Copyright © tutorialspoint.com

Constant is a named memory location used to hold a value that CANNOT be changed during the script execution. If a user tries to change a Constant Value, the Script execution ends up with an error. Constants are declared the same way the variables are declared.

Below are the rules for naming a constant.

- You must use a letter as the first character.
- You can't use a space, period . , exclamation mark !, or the characters @, &, \$, # in the name.
- Name can't exceed 255 characters in length.
- Cannot use Visual Basic reserved keywords as variable name.

## Syntax

In VBA, we need to assign a value to the declared Constants. Error would be thrown if we try to change the value of the constant.

```
Const <<constant_name>> As <<constant_type>> = <<constant_value>>
```

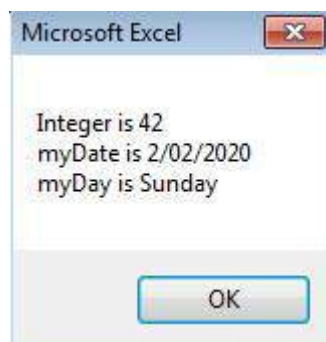
## Example

We will create a button "Constant\_demo" to demonstrate how to work with constants.

```
Private Sub Constant_demo_Click()  
    Const MyInteger As Integer = 42  
    Const myDate As Date = #2/2/2020#  
    Const myDay As String = "Sunday"  
  
    MsgBox "Integer is " & MyInteger & Chr(10) & "myDate is " & myDate & Chr(10) & "myDay  
is " & myDay  
  
End Sub
```

## Output

Upon executing the script, the output will be displayed as shown below.



Loading [MathJax]/jax/output/HTML-CSS/jax.js