For using of Object browser

Use of F2 key or menu: View-> Object Browser

Public => define a variable as a public variable

Static => define a variable as static and can save its values even after stop the program

Define limitation for strings: with use of \* => Dim Mystring As String \*50 (Here MyString accept a string with length 50 characters)

These are type of declare of date variables:

Dim Today As Date

Dim StartTime As Date

Const FirstDay As Date = #1/1/2019#Const Noon = #12:00:00#

VBA’s Operators

Function Operator Symbol

Addition +

Multiplication \*

Division /

Subtraction –

Exponentiation ^

String concatenation &

Integer division (the result is always an integer) \

Modulo arithmetic (returns the remainder of a division operation) Mod

Operator What It Does

Not: Turns TRUE or FALSE into its opposite

And: Returns TRUE only if both expressions return TRUE

Or: Returns TRUE if either expression returns TRUE

Xor: Short for exclusive or, returns TRUE if one expression is TRUE and the other FALSE

how to declare an array of 100 integers

Dim MyArray(1 To 100) As Integer

Dim MyArray (0 To 100) As IntegerDim MyArray (100) As Integer

Two dimensions array:

Dim MyArray (1 To 9, 1 To 9) As Long

dynamic arrays

Dim MyArray() As String