Visual Basic

**Visual Basic** –

* An event driven programming language
* Developed by Microsoft & runs on .NET frameworks
* High level language
* Easy to understand – much like English
* just like basic(coding) the difference is that it has buttons, textboxes, etc. –
* basically graphics that are programed to conduct an action

.NET Framework:

* Developed by Microsoft
* Framework that runs independently of the system (Windows)
* Like a virtual machine – JVM in Java

**Windows Forms** –

* Contains a lot of premade code done for you
* (can create a console application instead)

\*VB Hello World\*

IntelliSense – keeps track of what you have previously typed in the past and makes short cuts

Comments 🡪 ‘

Errors:

* Runtime – try catch statements
* Logic –

Primitive Data Types:

* Numbers
* Integers
* **int**, **byte**, **long**, **short**
* Real Numbers
* **float**, **double**
* Characters
* **string**
* **char**
* Logical
* **boolean**

Variables –

* **Dim** variableName **As** dataType
* Dim myNum As Integer = 5

. – exposes all of the public properties of the object

VBA:

Subroutine: a Macro, Method, Procedure

When executing Macros, have curses somewhere in between Sub & End Sub

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