**C SHARP LEARNING**

**ENGLISH C SHARP**

**Part 001**

We learn how to print a text on the screen and the basics of a program.

The *Main()* is the code that’s processed first.

**Part 003**

| Reserved Word | .NET Type | Type | Size (bits) | Range (values) |
| --- | --- | --- | --- | --- |
| byte | Byte | Unsigned integer | 8 | 0 to 255 |
| sbyte | SByte | Signed integer | 8 | -128 to 127 |
| short | Int16 | Signed integer | 16 | -32,768 to 32,767 |
| ushort | UInt16 | Unsigned integer | 16 | 0 to 65,535 |
| int | Int32 | Signed integer | 32 | -2,147,483,648 to 2,147,483,647 |
| uint | UInt32 | Unsigned integer | 32 | 0 to 4294967295 |
| long | Int64 | Signed integer | 64 | -9,223,372,036,854,775,808 to 9,223,372,036,854,775,807 |
| ulong | UInt64 | Unsigned integer | 64 | 0 to 18,446,744,073,709,551,615 |
| float | Single | Single-precision floating point type | 32 | -3.402823e38 to 3.402823e38 |
| double | Double | Double-precision floating point type | 64 | -1.79769313486232e308 to 1.79769313486232e308 |
| decimal | Decimal | Precise fractional or integral type that can represent decimal numbers with 29 significant digits | 128 | (+ or -)1.0 x 10e-28 to 7.9 x 10e28 |
| char | Char | A single Unicode character | 16 | Unicode symbols used in text |
| bool | Boolean | Logical Boolean type | 8 | True or False |
| object | Object | Base type of all other types |  |  |
| string | String | A sequence of characters |  |  |
| DateTime | DateTime | Represents date and time |  | 0:00:00am 1/1/01 to 11:59:59pm 12/31/9999 |

**Part 004**