## Passing by Value

In this lesson we will discuss the pass by value way of passing a parameter to a method in C#

#### WE'LL COVER THE FOLLOWING ^

- Introduction
- Example

### Introduction #

In **C**#, *arguments* can be passed to *parameters* either by *value* or by *reference*.

If *parameters* are passed as value type then a **new** copy of it will be created before *passing* to the *function*.

Meaning, for a value type *parameter*, if the function changes the *parameter* value then the **original** *variable* does **not** get changed.

# Example #

Let's take a look at an example in which value arguments are passed by value.

#### In the code above

- We make the function cube(int num), and pass the parameter num to it by value.
- It computes the cube of num.
- Puts num equal to the *cube* computed.
- Returns updated num at end of function cube.
- The function cube(num) is then called in Main().
- The value of num passed is 3.
- The output **27** is then displayed on the console.

Online **number 18** we are updating the *parameter* value with the *calculated* value. As you can see it is not affecting the variable.

In the next lesson we will discuss the *pass by reference* way of passing a parameter to a method.