Assignment3 C#

Question1: What is difference between Reference and Out?

Answer:

**Reference Parameters**:

* Reference parameters are used when you want to pass a variable to a function and allow the function to modify the variable's value.
* In C# and similar languages, reference parameters are indicated using the **ref** keyword.
* In this example, the **ref** keyword indicates that the **number** parameter is a reference to the original variable, and any changes made to it inside the function will affect the original variable.

**Out Parameters:**

* Out parameters are similar to reference parameters in that they allow a function to modify a variable's value. However, out parameters are typically used when a function needs to return multiple values.
* In C# and similar languages, out parameters are indicated using the out keyword.
* In this example, the out keyword indicates that x and y are output parameters, and their values are set inside the function and returned to the caller.

--------------------------------------------------------------------------------------------------------------------------------

Question2: How many argument will be pass in main method?

Answer:

In C#, the Main method can accept an array of strings as a parameter, which represents the command-line arguments passed to the program when it is executed. The number of arguments that can be passed to the Main method is not limited, and it can accept any number of arguments. Main method in C# can accept any number of arguments.