Pass by Value vs Pass by Reference

Main() method

myNum   **yourNum**

```
0        1
```

`method1(myNum, ref yourNum);`

a copy of the variable is passed to the method.
Changes to data bythe method are to copy of the data not the original variable

```
1
```

a reference to the variable is passed to the method
Changes to the data by the method are to the original variable

```
static void method1(int num1, ref int num2)
{
    num1++;
    num2++;
}
```