Practice using the out and ref modifiers

### You need to do all the questions in a single project. You will invoke the methods from your main

1. Write a method that takes four arguments. The first two arguments are ints, the third is a char and the last is an int. The first argument represents two ints that will be operands for an arithmetic operation, the third argument represents the arithmetic operation to be performed on the first two numbers and the last argument represent the result of the computation. The method must be coded so that the result of the calculation is available to the calling method i.e the fourth argument must be decorated so that its value is available to the calling method   
   From your main, call this method twice with different arithmetic operators and display the result in a simple readable format  
   [Hint: the following code statements in main will call the method  
   int a = 10, b = 5, result;  
   char operation = '+'  
   Method(a, b, operation, out result);  
   Console.WriteLine("{0} {2} {1} = {3}", a, b, operation, result);  
   operation = '\*'  
   Method(a, b, operation, out result);  
   Console.WriteLine("{0} {2} {1} = {3}", a, b, operation, result);  
   ]
2. Modify the method in Question 1 to return a bool value. (This is better programming style, because the returned value will be checked before the value of the last argument is used.) The method will return true if the third argument represents a valid operation and false otherwise. The method should still do the computation as specified by the third argument.  
   From your main, call this method twice with once with a valid arithmetic operator and once with an invalid operator such as ‘&’ or ‘$’. You should check the return value and then display the result or an error message
3. Re-implement question 2 using a different parameter modifier i.e. if you used the out keyword then re-implement using the ref keyword or if you used the ref keyword then re-implement using the out keyword.
4. Write a method that returns a double and takes two double arguments, one mandatory and one optional. The first argument represents the cost of an article and the second represent the tax rate (the default tax rate is 0.14). The will calculate the tax and return this value.  
   From your main, call this method twice, once with one argument and then with two arguments and displaying the both results in simple format