Practice using the out and ref and Array

1. 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
2. Write a method call DoubleIt(ref int x) that takes a single argument and does not return a value. The method will double the value of its argument
3. Write a C# program that returns array element (100,200,300,400) . Use Ref to return the array . Declare 4 elements in the main method. Change the first element to new value 900 inside the main method .

The program should return the following output

900

200

300

400

1. Write a program name CountVowelsModularized that passes a string to a method that returns the number of vowels in the string
2. Program gets a quantity ordered from user then determines price and discount based on quantity

price per item before discounts is $6.00

order 15 or more, get a 20% discount

order 10 to 14 - get a 14% discount

order 5 to 9, get a 10% discount

1. Write a method called ConvertFahrenheitToCelsius that takes a double argument. The method will calculate and return the Celsius equivalent of the argument. [C = (F – 32) \* 5 / 9]. In your main call this method three times with arguments 0, 32 and 212 respectively and display the results.