```csharp
 1  //using is a directive
 2  //System is a namespace, namespace groups related features together
 3  //System is needed so we can use Console, classes
 4  using static System.Console;
 5  //outermost level of grouping
 6  class Program
 7  {
 8      //this method is accessible only here
 9      //it's static, so call it by name directly
10      //void means does not return a value with return keyword
11      //out parameters allow us to set multiple values and have them
12      //accessible inside the CALLING code
13      private static void Summarize(double[] arr, out double average, out double sum)
14      {
15          double tempSum = 0;
16
17          foreach (var d in arr)
18              tempSum += d;
19
20          sum = tempSum;//set the value of the sum
21          average = tempSum / arr.Length;//set the value of the average
22      }
23      //Main is a method
24      //this is the entry point into program
25      static void Main()
26      {
27          double[] arr = new double[] { 1, 2, 3 };//array of values to summarize
28          double outAverage, outSum;//declare two our variables
29          Summarize(arr, out outAverage, out outSum);//actually call Summarize
30          //now the variable values can actually be displayed in a string
31          WriteLine($"Sum={outSum}, and the average is {outAverage}");
32
33      }
34  }
35
36
```