Programme 5 - Practice task

The following file: ***dwellings.csv*** contains comma delimited data from the last 3 census to do with what type of dwelling residents reside in. The CSV file contains the following columns

  **0. Region**

1. 2001 Seperate House
2. 2001 Apartment
3. 2001 Other
4. 2001 Undefined
5. **2001 Total**
6. 2006 Seperate House
7. 2006 Apartment
8. 2006 Other
9. 2006 Undefined
10. **2006 Total**
11. 2013 Seperate House
12. 2013 Apartment
13. 2013 Other
14. 2013 Undefined
15. **2013 Total**



The data looks like this:

Thames-Coromandel District,8208,1059,141,1446,10860,9465,1062,288,567,11379,9930,1176,243,651,12000

Hauraki District,5634,408,45,498,6585,6222,423,114,273,7032,6564,390,108,363,7422

Waikato District,15060,1005,84,1368,17517,17211,900,213,1461,19788,19410,1002,231,1491,22140

##

## Task 1:

* Open File
* Read line of string into a variable **eg: line = reader.ReadLine();**
* Split data into an Array (16 fields) **eg: resultData = line.Split(',');**
* Save each field of required data into separate variables

**eg: total2001 = resultData[6];**

* Display on the screen the region followed by the the 3 totals for each year
* Ensure you Pad your results to line them up **eg:total2001.ToString().PadRight(6)**

## Task 2:

* Create a Method to calculate the average of 3 numbers, it should accept 3 integers and return the average integer (whole number): ***Public int CalcAverage(int num1, int num2, int num3)***
* Call this method and display the average alongside the 3 totals

## Task 3:

* Create a file called DwellingOutput.txt ***hint: use writer = File.CreateText(filename)***
* Write a header line into the file
* Write the data (padded) into the file
* Close the file

## Extension Challenge

* Store the data into a list or dictionary