

C# Application Development

Lab Three Instructions

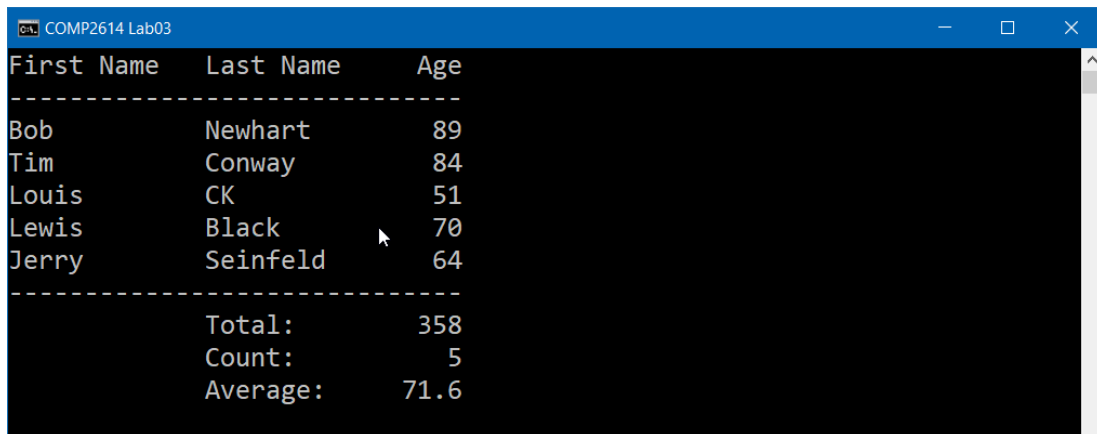
Objective

The purpose of this lab is to practice reading data from a text file, parsing csv data and displaying that data in a formatted output. You will also obtain the file path via a command line argument. The skills practiced here will be required to complete Assignment 3.

Details

- i. Create a Visual Studio C# Console project named **COMP3602Lab03**.
- ii. Open and read the file (supplied in ZIP file), obtaining the file path with a command line argument. (Print an appropriate message to the Console if the file cannot be found)
- iii. Parse the csv data in each line and produce the output as shown in the screenshot below. (using interpolated strings) – check out the `string.Split` method to parse the csv data. You will have to do a data conversion on age to calculate the total.

Note: Alignment and formatting



```
COMP2614 Lab03
First Name  Last Name  Age
-----
Bob         Newhart    89
Tim         Conway     84
Louis       CK         51
Lewis       Black      70
Jerry       Seinfeld   64
-----
                Total:    358
                Count:     5
                Average:  71.6
```

Please Hand In:

- 1) Zip your entire project and submit the zipped file to Lab03 in Learning Hub.
- 2) Lab is due by 11:59 pm on the day before next week's class.
- 3) Lab solution code will be available under Weel03\In Class once you have submitted.