

Assignment Two Requirements

Assignment Date: Week 2

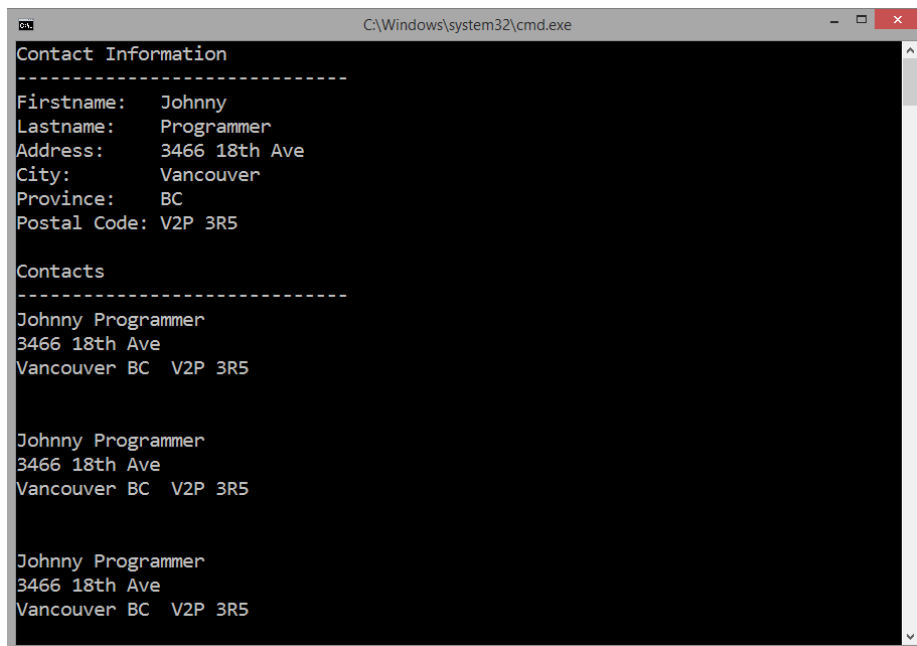
Due Date: Week 3

Assignment Objective

Creating and initializing classes using the various techniques discussed this week.

Your Task

Write a console application that emulates the screen shot shown below. The program creates three instances of a Contact class, adds them to an array and then output the contents to the console. Run the sample program to see how it operates.



```
C:\Windows\system32\cmd.exe
Contact Information
-----
Firstname:  Johnny
Lastname:   Programmer
Address:    3466 18th Ave
City:       Vancouver
Province:   BC
Postal Code: V2P 3R5

Contacts
-----
Johnny Programmer
3466 18th Ave
Vancouver BC V2P 3R5

Johnny Programmer
3466 18th Ave
Vancouver BC V2P 3R5

Johnny Programmer
3466 18th Ave
Vancouver BC V2P 3R5
```

Details

- 1) Name your project **COMP2614Assign02**.
- 2) Create a class named Contact in a separate source file with the following fields:

FirstName
LastName
Address
City
Province
PostalCode

- 3) Create property methods for each field
- 4) Write any appropriate constructor or constructors
- 5) Override the ToString method to return LastName, FirstName (use a composite string)
- 6) Prompt and collect data from the user into string variables.
- 7) Use the collected data to create and populate three instances of the Contact class (all instances should contain the same data)
- 8) Populate the objects using the three techniques discussed in class this week:
 1. For the first object, create an empty object and populate via properties
 2. For the second object, call a parameterized constructor
 3. For the third object, use the Object Initializer syntax
- 9) Add the Contact objects to an array
- 10) Output the contents of the Contact objects by iterating through the array (check out the foreach loop)

Format the output to Canadian Postal standards:

```
FirstName LastName
Address
City Province PostalCode
```

(one space between City and Province, two spaces between Province and Postal Code)
(no punctuation)

- 11) Place the output code in a utility method in a dedicated class (in a separate source file)

For all your code, be sure to:

- Use ample spacing
- Comment intelligently

Please Hand In:

1. Zip your entire project and upload the zipped file to the Assign02 Dropbox on D2L.