**List Individual’s Name and Address – Critical Thinking 1 – Option 1**

Logan LeBoeuf

Colorado State University Global

Course Code: CSC - 320

Dr. Vanessa Cooper

February 23, 2025

**Listing Personal Information – Pseudocode – Option #1**

So, to develop this program, first some pseudocode is necessary to outline exactly what the final program should do, with simpler terms and syntax. This program only *needs* to print a list of information. However, to acquire this information I will prompt the user, mostly to get used to coding in Java.

|  |
| --- |
| **main return void method():**  //I want to keep main simple, so I'd like a String array that has all of the information.  //I'll make two more methods: One to accept inputs, and one to print everything.  new string array personalInfo = method input\_personal\_info  method print\_personal\_info(personalInfo) |
| **print\_personal\_info, return void(string array personal\_info):**  //This takes the array of personal info and prints it line by line.  print line("\nPrinting Personal Info: ")  print line("Forename: " + personal\_info[0])  print line("Surname: " + personal\_info[1])  print line("Street Address: " + personal\_info[2])  print line("City: " + personal\_info[3])  print line("Zip Code: " + personal\_info[4]) |
| **input\_personal\_info, return string array():**  //Make a scanner, tell the user what to do, accept input, put it into a string array, close  the scanner, return the string array.  // The info needs to be first name, last name, address, city, zip code.  scanner = new scanner  print("Begin entering information, pressing enter each time.")  print("\nForename: ")  string forename = scanner.nextLine()  print("\nSurname: ")  string surname = scanner.nextLine()  print("\nStreet Address: ")  string street\_address = scanner.nextLine()  print("\nCity: ")  string city = scanner.nextLine()  print("\nZip Code: ")  string zip\_code = scanner.nextLine()  close scanner  string array personal\_info = { forename, surname, street\_address, city, zip\_code }  return personal\_info |

**Source Code**

Having written it all out, the source code ended up looking like this.

A screen shot of a computer program

AI-generated content may be incorrect.

**Application Executing**

After executing, the program asks the user to enter information one at a time, pressing enter after each piece of information.

A computer screen shot of a computer code

AI-generated content may be incorrect.

After all information has been entered, it then prints the information back out.

A computer screen with blue and white text

AI-generated content may be incorrect.

**Git Repository**

Afterwards, this was pushed to a new git repository for this class.

A screenshot of a computer

AI-generated content may be incorrect.