Module 1: Critical Thinking

List Individual's Name and Address Information: This document contains the documentation for the Java application that was created for CSU Global's Programming I, Module 1 assignment. The application takes user input and prints it to the screen.

Pseudocode via Comments: The following section contains the pseudocode that was used to detail the steps of the Module 1 Java application; the pseudocode was written using Java's comment functionality. A screenshot of the pseudocode written inside of the Eclipse IDE is provided.

```
//Start
//Import the Scanner class

//Define the main method
	//Declare variables
		//first_name, string
		//last_name, string
		//address, string
		//city, string
		//zip, int

	//Initialize a Scanner instance to read user input

	//Print 'Enter First name'
		//Assign input to first_name variable

	//Print 'Enter Last name'
		//Assign input to last_name variable

	//Print 'Enter Street Address'
		//Assign input to address variable

	//Print 'Enter City'
		//Assign input to city variable

	//Print 'Enter Zip code'
		//Assign input to zip variable

	//Use System.out.println to output variables onto the screen
		//first_name
		//last_name
		//address
		//city
		//zip

//End
```

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Pseudocode Screenshot:

```
//Start
//Import the Scanner class
//Define the main method
      //Declare variables
            //first_name, string
            //last_name, string
            //address, string
            //city, string
            //zipcode, int

      //Initialize a Scanner instance to read user input

      //Print 'Enter First name'
            //Assign input to first_name variable

      //Print 'Enter Last name'
            //Assign input to last_name variable

      //Print 'Enter Street Address'
            //Assign input to address variable

      //Print 'Enter City'
            //Assign input to city variable

      //Print 'Enter Zip code'
            //Assign input to zip variable

      //Use System.out.println to output variables onto the screen
            //first_name
            //last_name
            //address
            //city
            //zip

//End
```

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Source code: This section contains the source code for Module 1's Java application. Screenshots of the source code and the application being executed within the Eclipse IDE are provided.

```
import java.util.Scanner;

public class Main {
	public static void main(String[] args) {


		String first_name;
		String last_name;
		String address;
		String city;
		int zip;

		Scanner scnr = new Scanner(System.in);

		System.out.println("Enter your first name");
		first_name = scnr.nextLine();

		System.out.println("Enter your Last name");
		last_name = scnr.nextLine();

		System.out.println("Enter your Street Address");
		address = scnr.nextLine();

		System.out.println("Enter your City");
		city = scnr.nextLine();

		System.out.println("Enter your Zip code");
		zip = scnr.nextInt();

		System.out.println("Your first name is: " + first_name);
		System.out.println("Your last name is: " + last_name);
		System.out.println("Your address is: " + address);
		System.out.println("Your city is: " + city);
		System.out.println("Your zipcode is " + zip);

	}
}
```

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Source code Screenshot:

```
import java.util.Scanner;
public class Main {
	public static void main(String[] args) {
		//Start

		//Declare variables
	 String first_name;
		String last_name;
		String address;
		String city;
	 int zip;

		//Initialize Scanner for user input
		Scanner scnr = new Scanner(System.in);

		//Print 'Enter First name'
		System.out.println("Enter your first name");
		//Assign input to first_name variable
		first_name = scnr.nextLine();
		//Print 'Enter Last name'
		System.out.println("Enter your Last name");
		//Assign input to last_name variable
		last_name = scnr.nextLine();
		//Print 'Enter Street Address'
		System.out.println("Enter your Street Address");
		//Assign input to address variable
		address = scnr.nextLine();
		//Print 'Enter City'
		System.out.println("Enter your City");
		//Assign input to city variable
		city = scnr.nextLine();
		//Print 'Enter Zip code'
		System.out.println("Enter your Zip code");
		//Assign input to zip variable
		zip = scnr.nextInt();

		//Use System.out.println to output variables onto the screen
		//first_name
		//last_name
		//address
		//city
		//zip
		System.out.println("Your first name is: " + first_name);
		System.out.println("Your last name is: " + last_name);
		System.out.println("Your address is: " + address);
		System.out.println("Your city is: " + city);
		System.out.println("Your zipcode is " + zip);

		//End
	}
}
```

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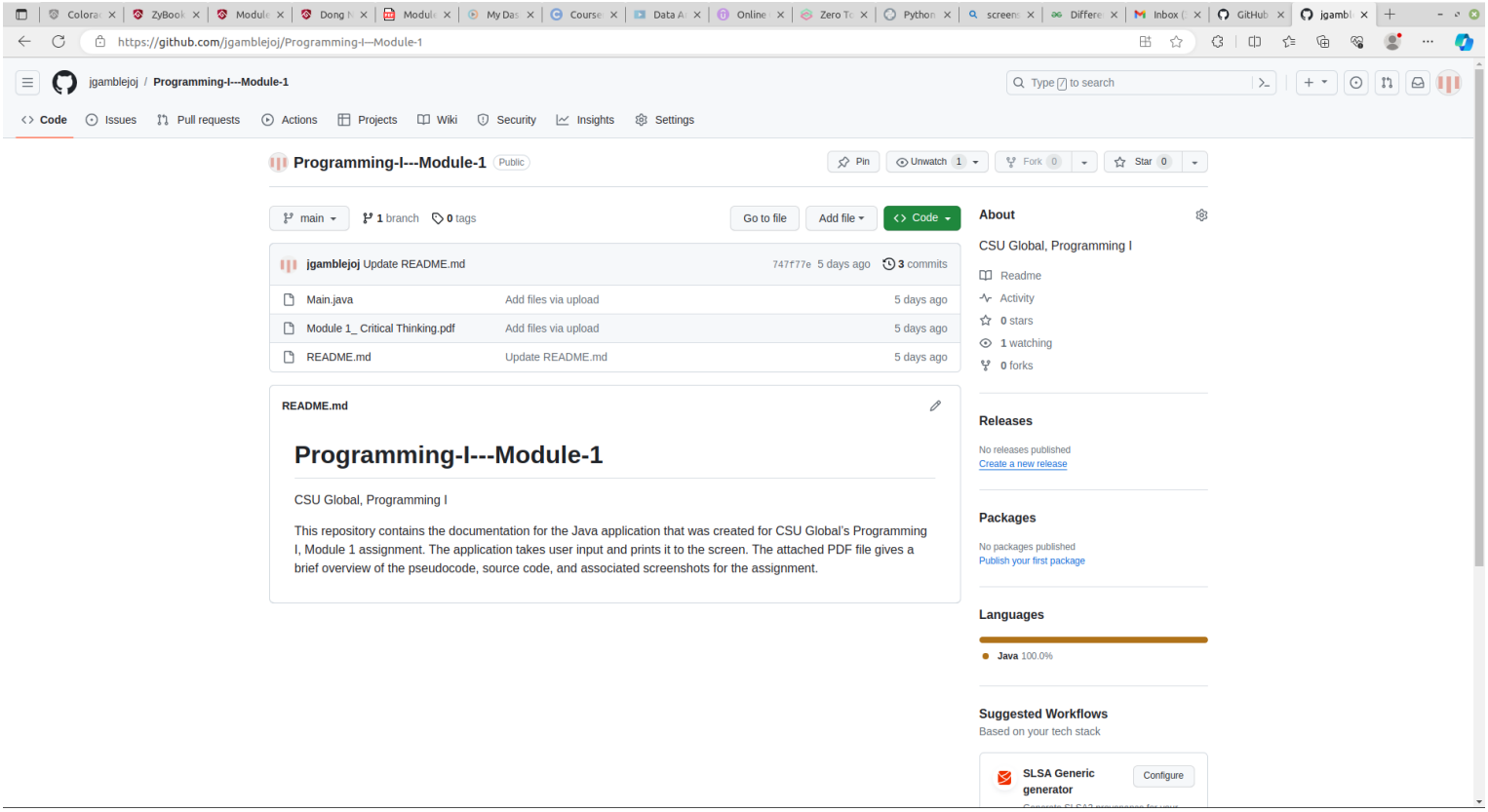
Screenshot of the application executing

```
Enter your first name
Jamaal
Enter your Last name
Gamble
Enter your Street Address
777 Fake Street Drive
Enter your City
Las Vegas
Enter your Zip code
55555
Your first name is: Jamaal
Your last name is: Gamble
Your address is: 777 Fake Street Drive
Your city is: Las Vegas
Your zipcode is 55555
```

Screenshot of Git Repository



Here is the link to the assignment's Git repository: [jgamblejoj/Programming-I---Module-1: CSU Global, Programming I (github.com)]