

Project Report:

Critical Thinking 1 - Name and Address Information Program

Alejandro Ricciardi

Colorado State University Global

CSC320: Programming 1

Professor Herbert Pensado

April 21, 2024

Project Report:

Critical Thinking 1 - Name and Address Information Program

This documentation is part of the Critical Thinking 1 Assignment from CSC320: Programming 1 at Colorado State University Global. This Project Report is an overview of the program's functionality and detailed testing scenarios including console output screenshots. The program is coded in Java JDK-21; and is named Critical Thinking 1 (Name and Address Information). The program is composed of a Main class and a Person class.

The Assignment Direction

Option #1: List Individual's Name and Address Information

Demonstrate understanding of basic programming concepts by:

1. Developing pseudocode that prints the following information for a fictional person:

- First name
- Last name
- Street address
- City
- Zip code

2. Creating a simple java application that will print the items listed above on individual lines.

Compile and submit your pseudocode, source code, and screenshots of the application executing the application, the results and GIT repository in a single document.

For requirement number 1, please see Psedocode.pdf file.

For requirement number 2, please see Main.java and Person.java files.

Git Repository

I use [GitHub](#) as my Distributed Version Control System (DVCS), the following is a link to my GitHub, [Omegapy](#).

My GitHub repository that is used to store this assignment is named [My-Academics-Portfolio](#) and the link to this specific assignment is:

<https://github.com/Omegapy/My-Academics-Portfolio/tree/main/Programming-1-CSC320/Critical-Thinking-1>

The Person Class

The Person class is stored in the Person.java file, it stores persons' information and displays it in the console on individual lines.

The attributes of the class are as follows:

- firstName: String
- lastName: String

- streetAddress: String
- city: String
- zipCode: String

Its constructor takes the following parameters:

- firstName: String
- lastName: String
- streetAddress: String
- city: String
- zipCode: String

The class method `displayInformation()` displays the person's information in the console on individual lines using the following data:

- firstName: String
- lastName: String
- streetAddress: String
- city: String
- zipCode: String

The Main Class

The Main class is used to run the program. It creates a Person object and displays the person's information for testing purposes.

The information used to test the program is the following:

Java code

```
// Initializes a Person object with a person information
Person person = new Person("Greg", "Blackwatters", "345 Ai Street", "Robottown",
"87011");
```

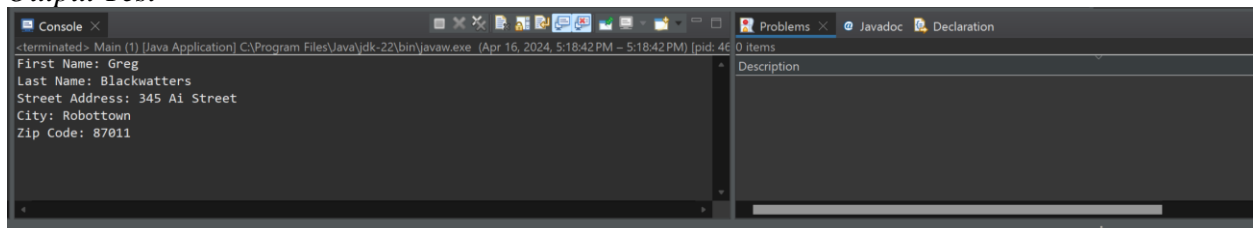
Figure 1 is the console output after calling the following method:

Java code

```
// Displaying the person's information
person.displayInformation();
```

Figure 1

Output Test



Note: Eclipse Console output from the program and Problem window showing no items

As shown in Figure 1 the test runs without any issues, displaying the correct output as expected.