

# Option #1

## Pseudocode:

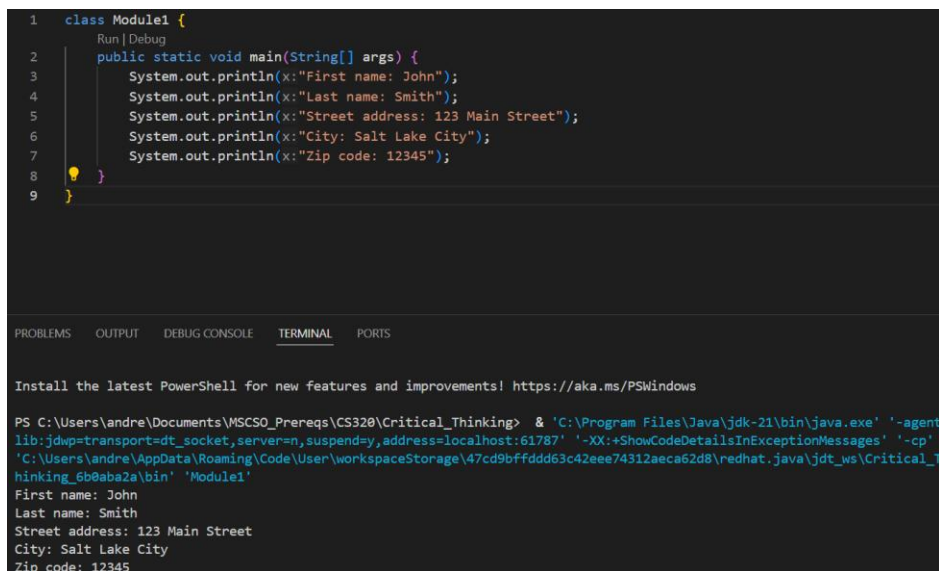
### Class Module1

Method main(arguments)  
Print "First name: John"  
Print "Last name: Smith"  
Print "Street Address: 123 Main Street"  
Print "City: Salt Lake City"  
Print "Zip Code: 12345"

## Source Code:

```
class Module1 {  
    public static void main(String[] args) {  
        System.out.println("First name: John");  
        System.out.println("Last name: Smith");  
        System.out.println("Street address: 123 Main Street");  
        System.out.println("City: Salt Lake City");  
        System.out.println("Zip code: 12345");  
    }  
}
```

## Screenshot of application execution:



The screenshot displays an IDE with a dark theme. The top pane shows the source code of a Java class named `Module1`. The code is as follows:

```
1 class Module1 {  
    Run | Debug  
2     public static void main(String[] args) {  
3         System.out.println(x:"First name: John");  
4         System.out.println(x:"Last name: Smith");  
5         System.out.println(x:"Street address: 123 Main Street");  
6         System.out.println(x:"City: Salt Lake City");  
7         System.out.println(x:"Zip code: 12345");  
8     }  
9 }
```

The bottom pane shows the `TERMINAL` output, which includes a PowerShell command prompt and the execution of the Java program. The output is as follows:

```
PS C:\Users\andre\Documents\MSCSO_Prereqs\CS320\Critical_Thinking> & 'C:\Program Files\Java\jdk-21\bin\java.exe' '-agent  
lib:jdwp=transport=dt_socket,server=n,suspend=y,address=localhost:61787' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp'  
'C:\Users\andre\AppData\Roaming\Code\User\workspaceStorage\47cd9bffddd63c42eee74312aeca62d8\redhat.java\jdt_ws\Critical_T  
hinking_6b0aba2a\bin' 'Module1'  
First name: John  
Last name: Smith  
Street address: 123 Main Street  
City: Salt Lake City  
Zip code: 12345
```

## Git Repository

[https://github.com/ac-potts/CS320\\_CritThinking/tree/main/Module1](https://github.com/ac-potts/CS320_CritThinking/tree/main/Module1)