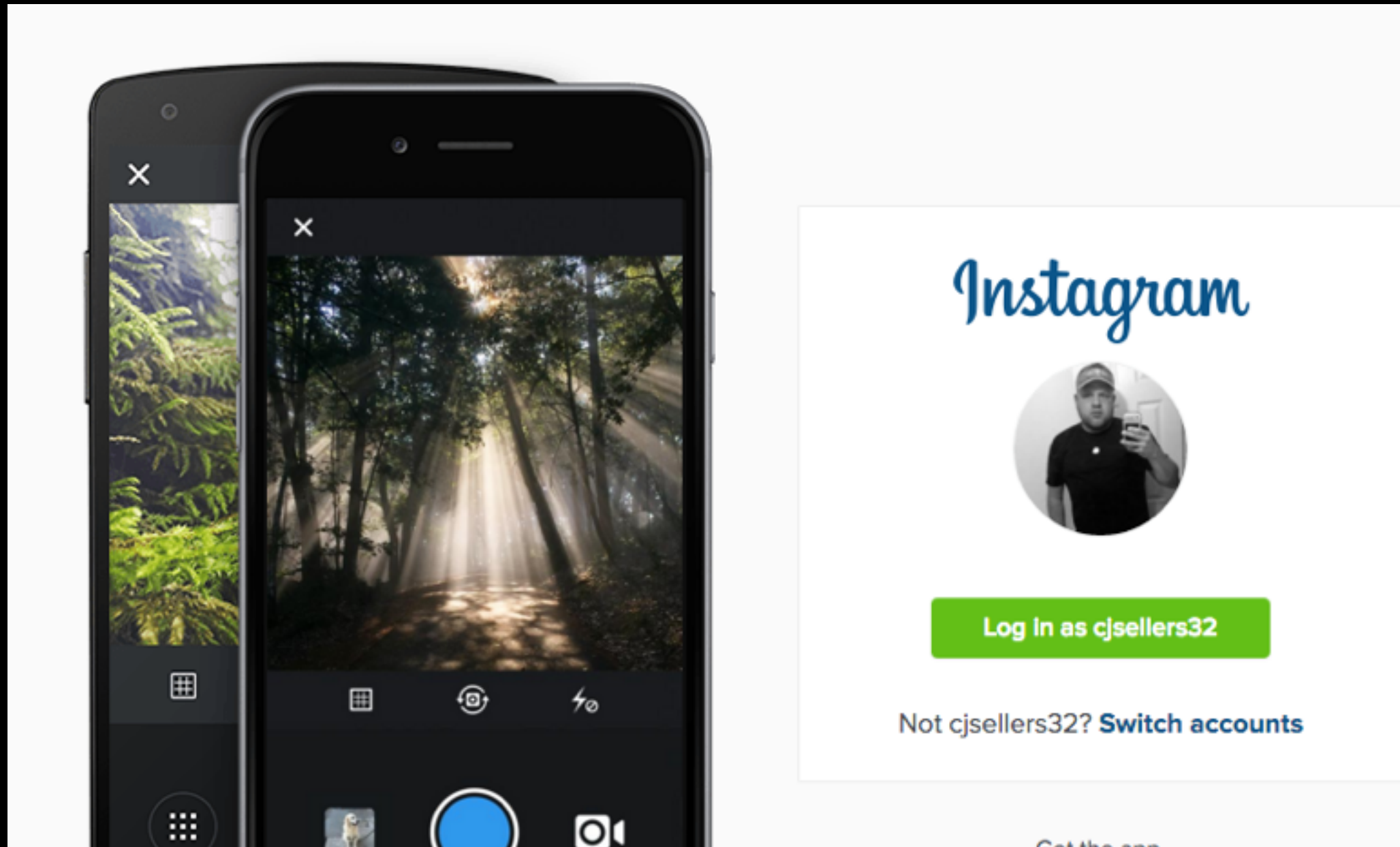


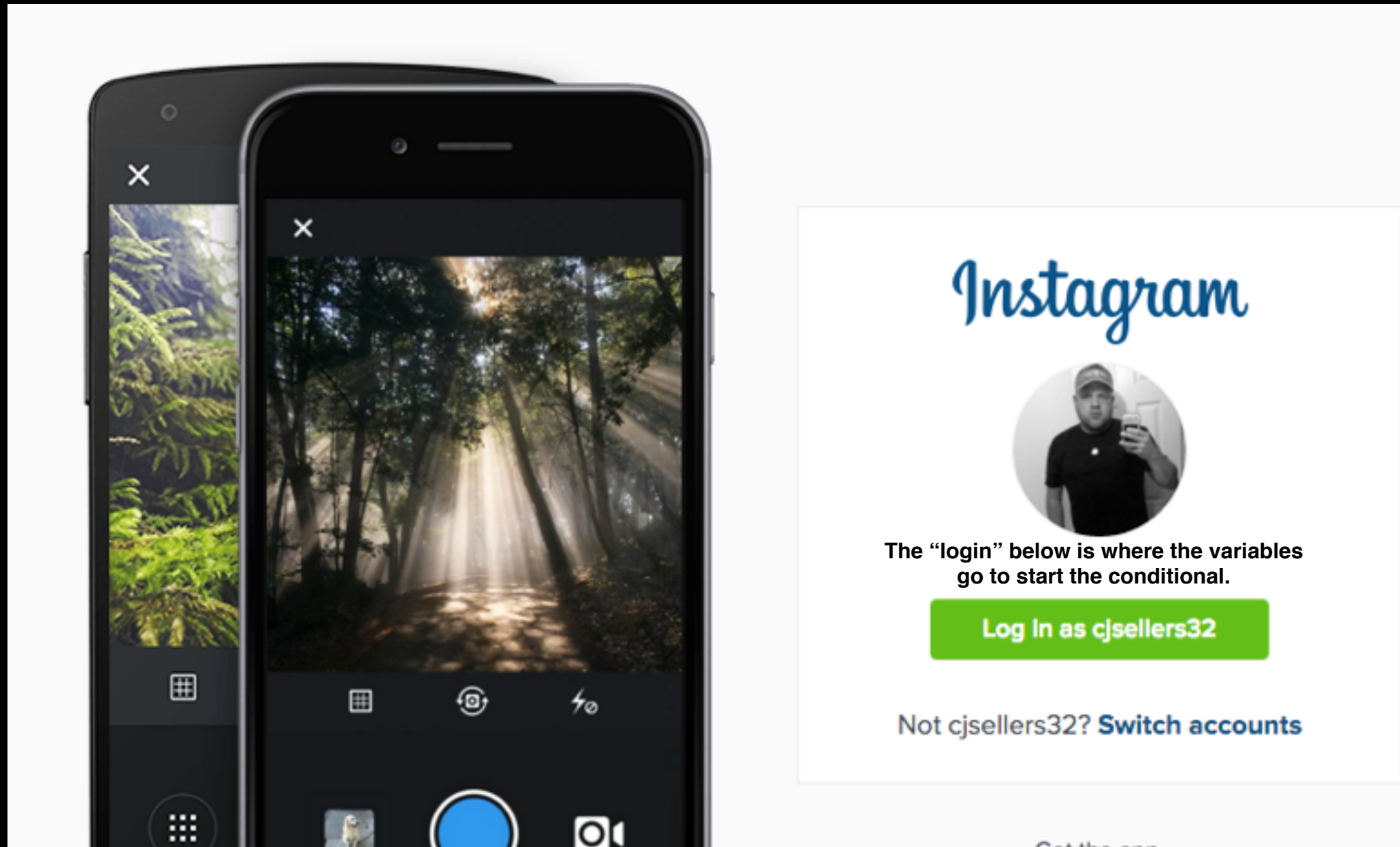
# Assignment 3: App Deconstruction

Christopher Jason Sellers



# App - Web Page Deconstruction

[www.Instagram.com](http://www.Instagram.com)



The “login” below is where the variables go to start the conditional.

Log In as cjsellers32

Not cjsellers32? [Switch accounts](#)

# Variables and Data Types

Entering your Email address and password into the appropriate sections.

# Variables and Data Types

- When you type your user name/Email address and password in to gain entry to a site, you're using a “variable”. Each letter, number or symbol is considered a variable.
- When you enter those variables into the appropriate sections, you enter letters, numbers or symbols. The site then converts those into the appropriate “data type”.

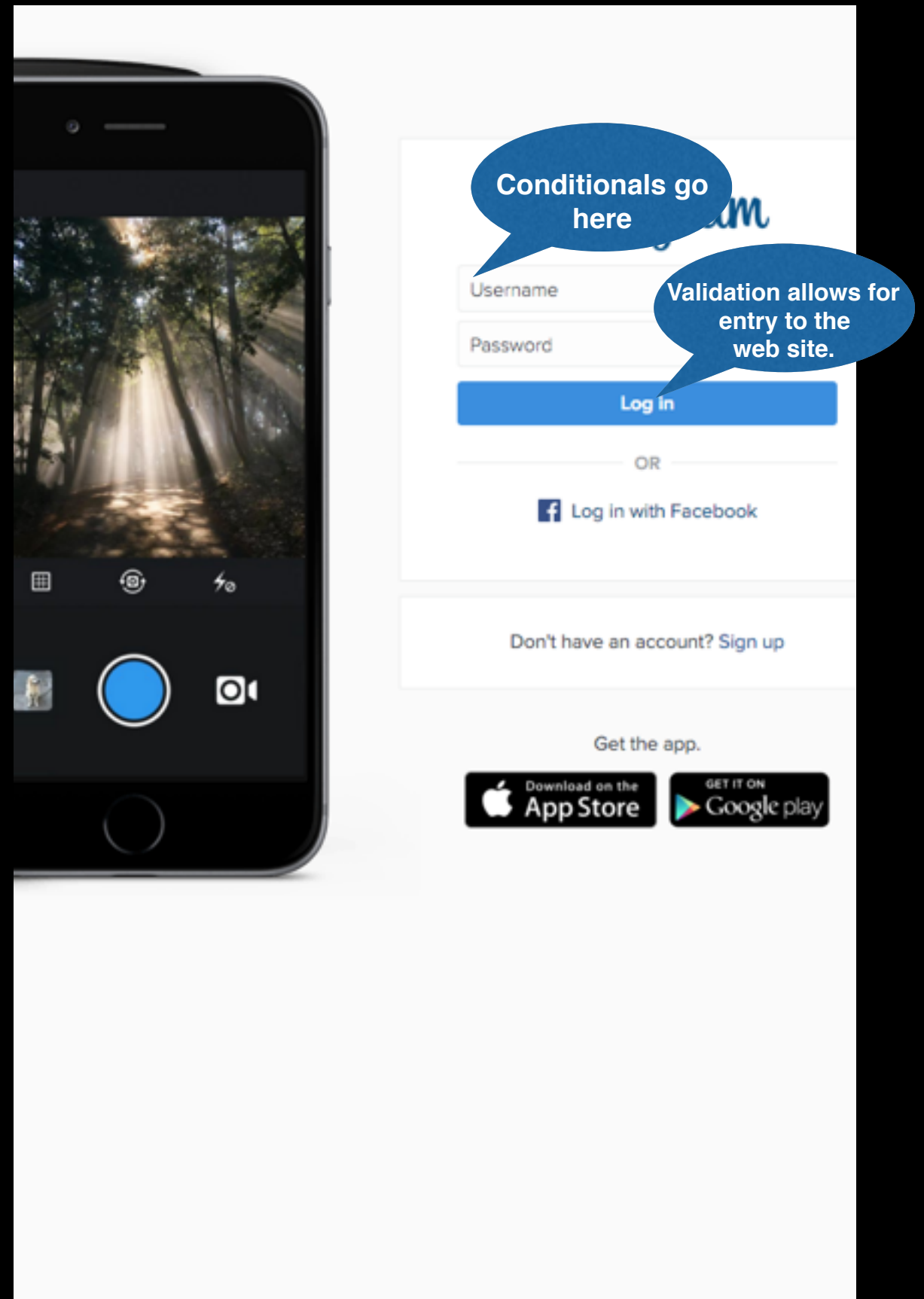
# Input and Output

- Input would be the characters you enter in the appropriate sections.
- Output would be the result of that input.



# Conditionals and Validation

- A conditional would be your login information you place in the username/password boxes.
- Validation occurs when the conditionals are matched against the stored information.

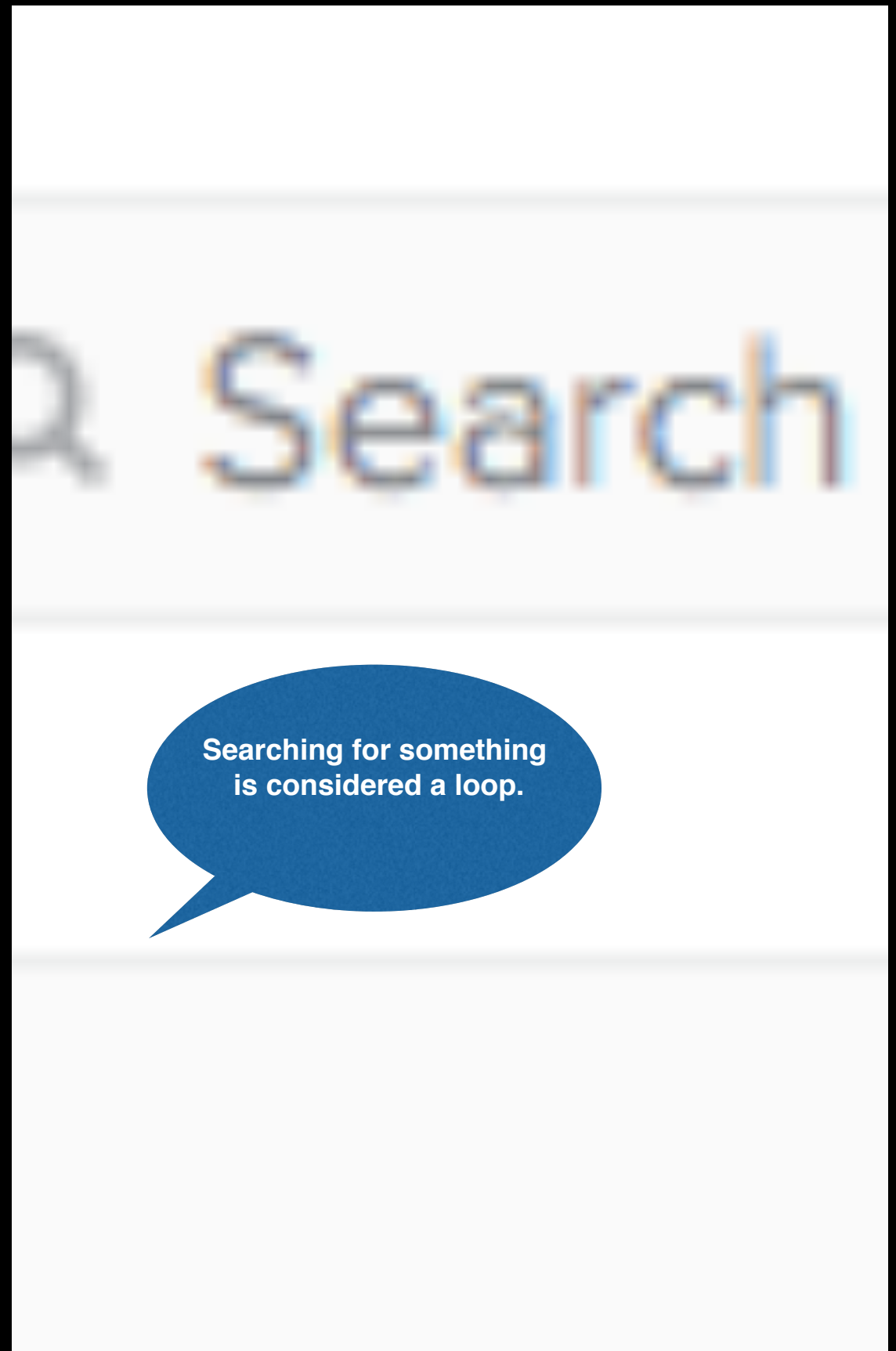


# Logic and Loops



# Loops and Logic

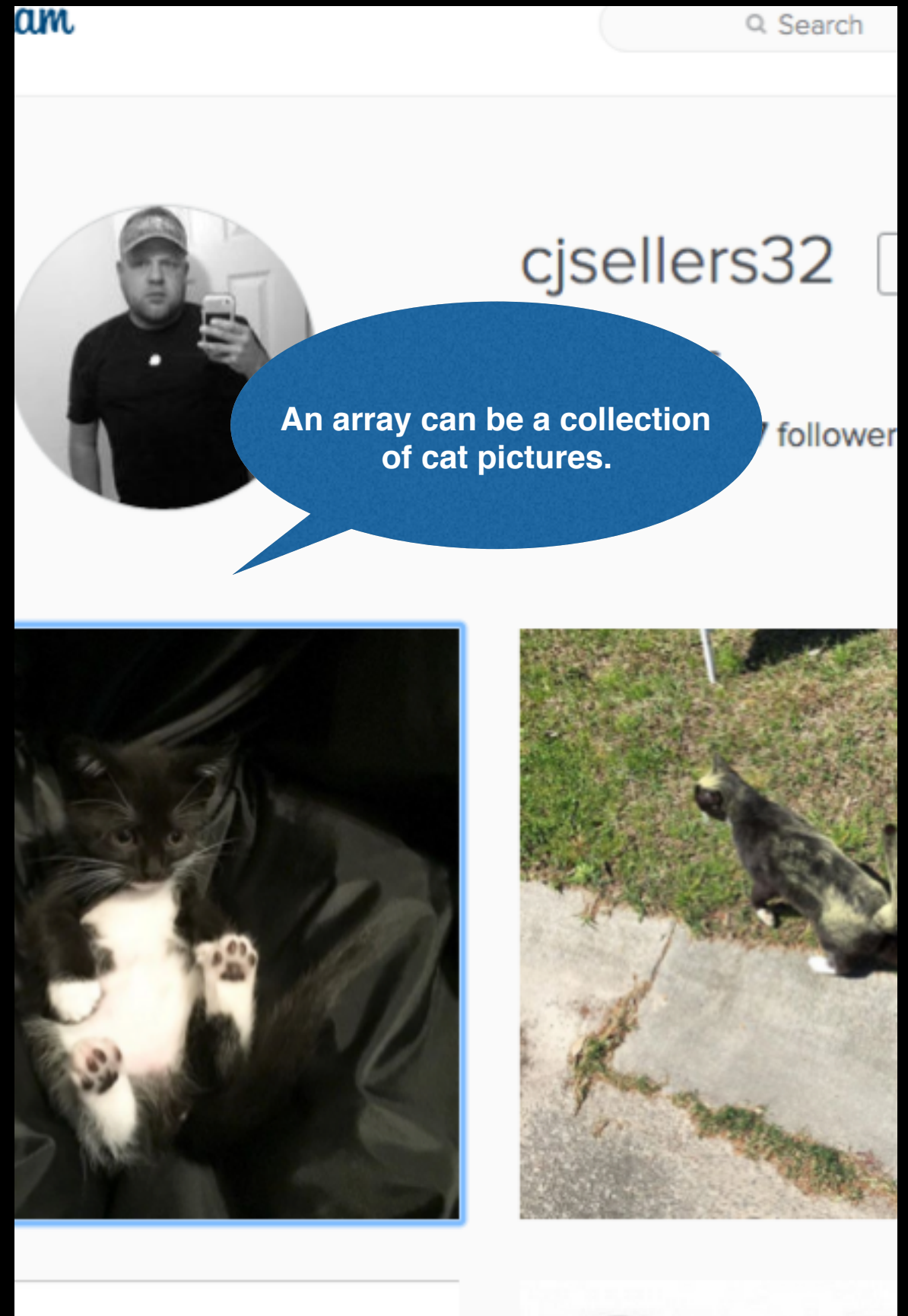
- A loop will repeat a block of code as long as the condition evaluates to a value of true.
- Logic returns a true or false as output

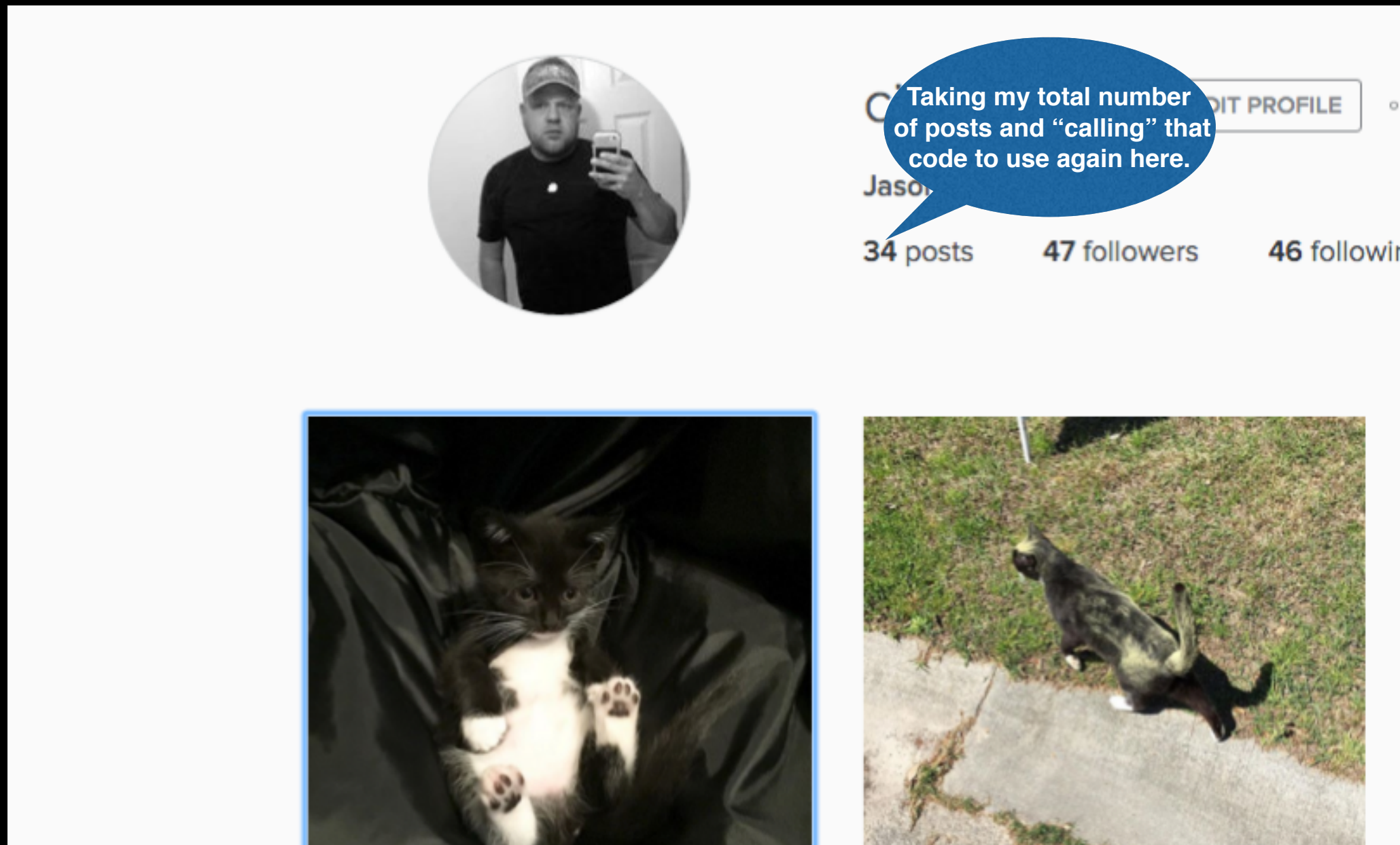




# Arrays and Array Lists.

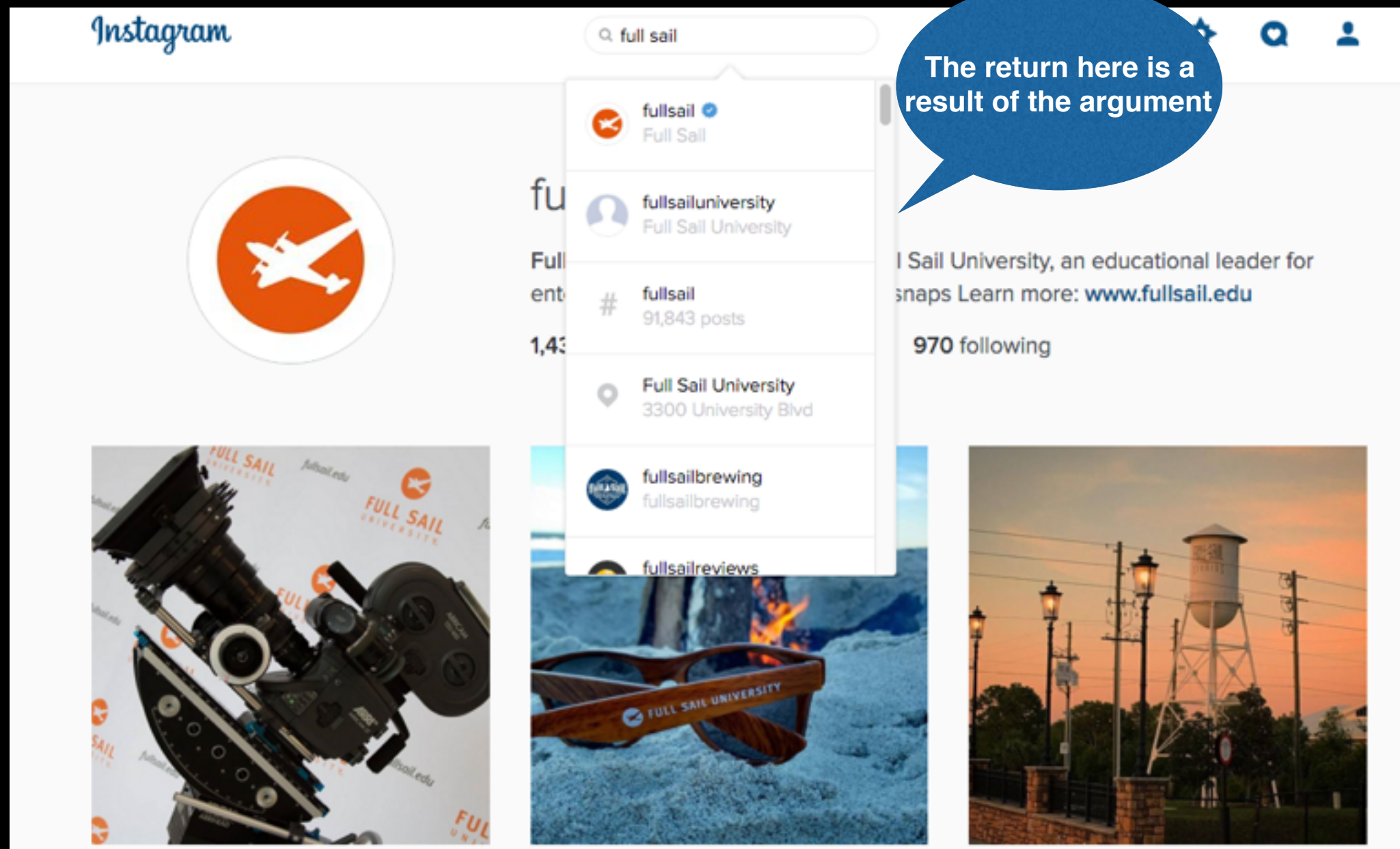
- An Array is where you place a group of variables of the same type, together in code.
- An Array List is an array but you're able to add and remove items from the array.





# Functions-Methods

Allows you to “call” other parts of code or data from different parts of the code and use them in different areas.



# Arguments and Returns

Entering "Full Sail" in the search box, causes the code to search for that criteria and if found, return the correct data.



# String Properties and Methods

- A String Property takes a specific character and executes an action with it.
- Methods specify the names and types of any parameters that are required.
- Examples of both can be found in the previous search example.

# Classes and Constructors

- Classes are group of code placed together that identify items of a like set.
- An example would be our cat collection on Instagram being catalogued in a certain manner.
- A constructor usually initializes the data of a certain object within a class.

# Classes Continued

Posts, Followers and following are all part of their own class in the code on Instagram.

