GOALS:
Come up with ideas for a 3-week project to learn the basics of Python. Must use 3 data sources, contain a loop, and (pull text from image of chart in schoology)

Wed - GitHub, Python, Schoology

PROGRESS:
Notebook LM
Learned how to use it to learn something quickly and succinctly by querying source you bring into it.

Figma
Algorithm - a list of steps that encapsulate the idea for a program
Flowchart - a visual representation of those steps with standardized geometric shapes that make understanding the program easy at a glance

VS CODE
Code in Python - translating the steps in the flowchart into code that will result in an interaction with the CLI - Command Line Interface - or Terminal on Mac

GITHUB
Logged into Github and created a folder to house our 6 months of work
Used terminal to navigate folders on the Mac to illustrate how terminal can traverse the file directory shown in Finder

SAKSHI
Workforce Development workshop

BLOCKERS:
NONE

1. Create VolBios table which contains the following columns: Name, Biography Text
2. Create VolRoles table which contains the following columns: Role Name, Role Keywords comma separated
3. Start the program
4. Display a welcome message - “Welcome to Volunteer Fit Analyzer. Enter a volunteer’s name”
5. If user doesn’t type a name in VolBios, then print error message “Volunteer not found” and jump back one step.
6. System indexes VolBios text
7. System compares indexed text to keywords across each role
    a. System quantifies number of occurrences of keywords
        i. If no keywords match, Print “Review this volunteer’s bio by hand. Would you like to analyze another volunteer’s fit?”
            1. If yes, then jump back to “Enter a volunteer’s name” step
            2. Else, jump forward to “Thank you for analyzing volunteers. You’re always welcome back”
    b. else print the top three roles in order of number of occurrences from most to least, next to the role name, display the keyword and number of occurrences
8. Do you want to analyze the fit for another volunteer? Please type in yes or no
9. If yes, jump to step that Prints “Enter volunteer’s full name”
10. If no, “Thank you for analyzing volunteers. You’re always welcome back”
11. End the program

Setup --> Start
Start --> Welcome --> Input
Input --> CheckName
CheckName -- No --> NotFound --> Input
CheckName -- Yes --> Index --> Compare --> Count --> AnyMatch
AnyMatch -- No --> NoMatch --> NoMatchDecision
NoMatchDecision -- Yes --> Input
NoMatchDecision -- No --> ThankYou --> End
AnyMatch -- Yes --> Top3 --> AskAgain --> AnalyzeAnother
AnalyzeAnother -- yes --> Input
AnalyzeAnother -- no --> ThankYou --> End

Create VolBios CSV table containing: Name, Biography Text
Create VolRoles CSV table containing: Role Name, Role Keywords