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

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

Start the program

"Welcome to Volunteer Fit Analyzer"

"Enter a volunteer's name"

Check Name exists in... — NO → "Volunteer not found. Try again. Yes or No?" — YES

Index the volunteer's bio text

Compare indexed bio text to role keywords

Quantify matches and record in match order

Any Matches? — NO → "Review this volunteer's bio by hand. Would you like to analyze another volunteer's fit? Yes or No? "

Sort Matches by number occurrences

Display up to 3
Role(s), Word(s), # of Occurrences

Display "Do you want to analyze the fit for another volunteer? Yes or No"

Again?

Display "Thank you for analyzing volunteers. You're always welcome back"

End program