

Lists Challenge 10: Favorite Teachers Program

Description:

You are responsible for writing a program that will create a list of a user's favorite teachers. It will display these teachers ranked (assuming the first teacher entered is the favorite, the second teacher entered is the next favorite, ect...), alphabetically, in reverse alphabetical order, the top two teachers, the next two teachers, the last favorite teacher, and the total number of favorite teachers in the list. Your program will then add and remove teachers from this list, each time displaying a similar summary.

Step By Step Guide:

- Print a welcome message.
- Create a blank list called fav_teachers.
- Prompt the user to enter in their four favorite teachers.
 - The user should only enter the last name of the teacher.
 - Make sure to title case all user input for sorting purposes.
- Add each of these teachers to the list fav_teachers.
- Print the favorite teachers ranked.
- Print the favorite teachers alphabetically.
- Print the favorite teachers in reverse alphabetical order.
- Print the top two teachers.
- Print the next two teachers.
- Print the last favorite teacher.
- Print the total number of favorite teachers.
- Follow the formatting below.
- Print a message to the user informing them that first favorite teacher is no longer their favorite teacher.
- Prompt the user to enter their new favorite teacher.
 - Store the name of this teacher in the first index of the list
 - Shift all other teachers down one index.
- Print the favorite teachers ranked.
- Print the favorite teachers alphabetically.
- Print the favorite teachers in reverse alphabetical order.
- Print the top two teachers.
- Print the next two teachers.
- Print the last favorite teacher.
- Print the total number of favorite teachers.
- Follow the formatting below.
- Print a message to the user informing them that they no longer like a teacher.
- Prompt the user to pick a teacher to remove from the list.

- Remove this teacher.
- Print the favorite teachers ranked.
- Print the favorite teachers alphabetically.
- Print the favorite teachers in reverse alphabetical order.
- Print the top two teachers.
- Print the next two teachers.
- Print the last favorite teacher.
- Print the total number of favorite teachers.
- Follow the formatting below.
- Use at least 2 comments to describe sections of your code
- “Chunk” your so that it is readable.
- Use appropriate and informative variable names.
- Format your output as below.

Example Output:

Welcome to the Favorite Teachers Program

Who is your first favorite teacher: Eramo

Who is your second favorite teacher: ricco

Who is your third favorite teacher: gates

Who is your fourth favorite teacher: foote

Your favorite teachers ranked are: ['Eramo', 'Ricco', 'Gates', 'Foote']

Your favorite teachers alphabetically are: ['Eramo', 'Foote', 'Gates', 'Ricco']

Your favorite teachers in reverse alphabetical order are: ['Ricco', 'Gates', 'Foote', 'Eramo']

Your top two teachers are: Eramo and Ricco.

Your next two favorite teachers are: Gates and Foote.

Your last favorite teacher is: Foote.

You have a total of 4 favorite teachers.

Oops, Eramo is no longer your first favorite teacher. Who is your new FAVORITE teacher:
marley

Your favorite teachers ranked are: ['Marley', 'Eramo', 'Ricco', 'Gates', 'Foote']

Your favorite teachers alphabetically are: ['Eramo', 'Foote', 'Gates', 'Marley', 'Ricco']

Your favorite teachers in reverse alphabetical order are: ['Ricco', 'Marley', 'Gates', 'Foote', 'Eramo']

Your top two teachers are: Marley and Eramo.

Your next two favorite teachers are: Ricco and Gates.

Your last favorite teacher is: Foote.

You have a total of 5 favorite teachers.

You've decided you no longer like a teacher. Which teacher would you like to remove from your list: eramo

Your favorite teachers ranked are: ['Marley', 'Ricco', 'Gates', 'Foote']

Your favorite teachers alphabetically are: ['Foote', 'Gates', 'Marley', 'Ricco']

Your favorite teachers in reverse alphabetical order are: ['Ricco', 'Marley', 'Gates', 'Foote']

Your top two teachers are: Marley and Ricco.

Your next two favorite teachers are: Gates and Foote.

Your last favorite teacher is: Foote.

You have a total of 4 favorite teachers.