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1  #Lists Challenge 10: Favorite Teachers Program
2
3  print("Welcome to the Favorite Teachers Program")
4  fav_teachers = []
5
6  #Get user input
7  fav_teachers.append(input("\nWho is your first favorite teacher: ").title())
8  fav_teachers.append(input("Who is your second favorite teacher: ").title())
9  fav_teachers.append(input("Who is your third favorite teacher: ").title())
10 fav_teachers.append(input("Who is your fourth favorite teacher: ").title())
11
12 #Summary of list
13 print("\nYour favorite teachers ranked are: " + str(fav_teachers))
14 print("Your favorite teachers alphabetically are: " + str(sorted(fav_teachers)))
15 print("Your favorite teachers in reverse alphabetical order are: " +
16       str(sorted(fav_teachers, reverse=True)))
17 print("\nYour top two teachers are: " + fav_teachers[0] + " and " +
18       fav_teachers[1] + ".")
19 print("Your next two favorite teachers are: " + fav_teachers[2] + " and " +
20       fav_teachers[3] + ".")
21 print("Your last favorite teacher is: " + fav_teachers[-1] + ".")
22 print("You have a total of " + str(len(fav_teachers)) + " favorite teachers.")
23
24 #Insert a new favorite teacher
25 fav_teachers.insert(0, input("\nOops, " + fav_teachers[0] + " is no longer your
26 first favorite teacher. Who is your new FAVORITE teacher: ").title())
27
28 #Summary of list
29 print("\nYour favorite teachers ranked are: " + str(fav_teachers))
30 print("Your favorite teachers alphabetically are: " + str(sorted(fav_teachers)))
31 print("Your favorite teachers in reverse alphabetical order are: " +
32       str(sorted(fav_teachers, reverse=True)))
33 print("\nYour top two teachers are: " + fav_teachers[0] + " and " +
34       fav_teachers[1] + ".")
35 print("Your next two favorite teachers are: " + fav_teachers[2] + " and " +
36       fav_teachers[3] + ".")
37 print("Your last favorite teacher is: " + fav_teachers[-1] + ".")
38 print("You have a total of " + str(len(fav_teachers)) + " favorite teachers.")
39
40 #Remove a specific teacher
41 fav_teachers.remove(input("\nYou've decided you no longer like a teacher. Which
42 teacher would you like to remove from your list: ").title())
43
44 #Summary of list
45 print("\nYour favorite teachers ranked are: " + str(fav_teachers))
46 print("Your favorite teachers alphabetically are: " + str(sorted(fav_teachers)))
47 print("Your favorite teachers in reverse alphabetical order are: " +
48       str(sorted(fav_teachers, reverse=True)))
49 print("\nYour top two teachers are: " + fav_teachers[0] + " and " +
50       fav_teachers[1] + ".")
51 print("Your next two favorite teachers are: " + fav_teachers[2] + " and " +
52       fav_teachers[3] + ".")
53 print("Your last favorite teacher is: " + fav_teachers[-1] + ".")
54 print("You have a total of " + str(len(fav_teachers)) + " favorite teachers.")

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