

Python – Programming Assignment 3

Professor:

Dr. Joanna Bieri
joanna_bieri@redlands.edu

Directions: You will manage user lists and sending different messages depending on user status and age.

Specifications:

- At the top of your code you should define lists:
 - A list of names representing current people on your list
 - A list of names representing people wanting to be added to your list. (please have a few people asking to add who are already on your list.
 - Two lists with ages for each of these people: For example:

```
current_names = ['Joanna','Ross','Stefanie']
new_names = ['Joanna','Bella','Kristin']
current_ages=[44,44,75]
new_ages=[44,18,40]
```
 - Write a FOR loop that goes through each of the new names and ages and does the following:
 - Checks to see if they are already on the list
 - If they are already on the list prints a personalized email to them saying their name is already on the list.
 - If they are not already on the list does the following:
 - * Checks their age.
 - * If they are over the age of 21 or equal to 21, adds their name to the current_names, adds their age to the current_ages, and prints a personalized email saying they have been added to the list
 - * If they are under the age of 21, prints a personalized email saying you are not old enough to join our list.
 - The messages should be nicely formatted so that it does not run off the screen. It should have correct spacing, capitalization, and grammar. Save these emails to another list.
 - Your code should be a .py file
 - Your code should run without errors
 - Your code should use good python style - cleaned up, commented, etc.
 - Your code should be submitted on time.
-

How can I know if my code is working? You can use the example I gave above:

```
current_names = ['Joanna','Ross','Bongo']
new_names = ['Joanna','Bella','Kristin']
current_ages=[44,44,15]
new_ages=[44,18,40]
```

The output should:

- Print a message to Joanna saying she is already on the list.
- Print a message to Bella saying she is too young to join the list.
- Print a message to Kristin saying welcome to the list.

At the end of the program current_names = ['Joanna','Ross','Stefanie','Kristin'] and current_ages=[44,44,75,40]
