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Practice Quiz: Dictionaries

TOTAL POINTS 5

 The email_list function receives a dictionary, which contains domain names as keys, and a list of users as values. Fill in the blanks to generate a list that contains complete email addresses (e.g. diana.prince@gmail.com). 1 / 1 point

The groups_per_user function receives a dictionary, which contains group names with the list of users.
 Users can belong to multiple groups. Fill in the blanks to return a dictionary with the users as keys and a list of their groups as values.

1 / 1 point

✓ Correct

Well done, you! You're now creating dictionaries out of other dictionaries!

3. The dict.update method updates one dictionary with the items coming from the other dictionary, so that existing entries are replaced and new entries are added. What is the content of the dictionary "wardrobe" at the end of the following code?

1/1 point

```
1 wardrobe = {'shirt': ['red', 'blue', 'white'], 'jeans': ['blue', 'black']}
2 new_items = {'jeans': ['white'], 'scarf': ['yellow'], 'socks': ['black', 'brown']}
3 wardrobe_ubdate/new_items)
```

- ('jeans': ['white'], 'scarf': ['yellow'], 'socks': ['black', 'brown']
- ('shirt': ['red', 'blue', 'white'], 'jeans': ['white'], 'scarf': ['yellow'], 'socks': ['black', 'brown']
- ('shirt': ['red', 'blue', 'white'], 'jeans': ['blue', 'black', 'white'], 'scarf': ['yellow'], 'socks': ['black', 'brown']}
- ('shirt': ['red', 'blue', 'white'], 'jeans': ['blue', 'black'], 'jeans': ['white'], 'scarf': ['yellow'], 'socks': ['black', 'brown']}



Correct! The dict.update method updates the dictionary (wardrobe) with the items coming from the other dictionary (new_items), adding new entries and replacing existing entries.

4. What's a major advantage of using dictionaries over lists?

1 / 1 point

- O Dictionaries are ordered sets
- O Dictionaries can be accessed by the index number of the element
- Elements can be removed and inserted into dictionaries
- It's quicker and easier to find a specific element in a dictionary



Right on! Because of their unordered nature and use of key value pairs, searching a dictionary takes the same amount of time no matter how many elements it contains

5. The add_prices function returns the total price of all of the groceries in the dictionary. Fill in the blanks to complete this function.

1 / 1 point

✓ Correct

Nicely done! Dictionaries are a helpful way to store information, and access it easily when it's needed.