

Python – Basics 8 Assignments

1. Create a Python program on repl.it with the title “Menu”. This program should have a preprogrammed dictionary of 10 combo options (from a real fast food establishment; do some research) associated with numbers. The program should ask the user if they want to see the combo numbers, the combo names or both. Then, depending on the answer, the program should print the correct version of the dictionary.

There is an example of what this should look like in the notes

<Place a screen shot of your code and the output here>

2. Create a Python program on repl.it with the title “ShoppingList”. This program should have a preprogrammed dictionary of at least 10 different items, all associated with the digits 0-9. The program should print the dictionary and use a while loop to gather which items (by number) the user would like to buy and how many of them (this can be done by selecting the same item multiple times or having a ‘how many?’ question). When the user says they are done, the loop should exit and display the number of each item being bought. Items that have a quantity of 0 should not be displayed.

Here is an example of the console when the program is finished (your items will be different):

```
What item would you like to buy (item#) ? 1
What item would you like to buy (item#) ? 2
What item would you like to buy (item#) ? 3
What item would you like to buy (item#) ? 1
What item would you like to buy (item#) ? done
You bought 2 apple.
You bought 1 banana.
You bought 1 carrot.
=> None
```

<Place a screen shot of your code and the output here>

3. Create a Python program on repl.it with the title “FoodCategories”. This program should have a preprogrammed dictionary with 10 food items. The items key for each item should be either ‘drink’, ‘entre’, ‘snack’ or ‘desert’ and you can repeat the ones you want until you get to at least 10 keys. The values of each key should be some sort of product that fits into the category of the key (e.g. {‘drinks’: ‘Coke’}) The program should prompt the user for which category they would like to see a menu for. Then, using a for loop, the program should print out all of the options for that category.

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Here is an example of the menu dictionary (your menu MUST be different):

```
dict = { 'drink': ['Coke', 'Sprite', 'Water'],  
         'entre': ['Steak', 'Soup'],  
         'snack': 'Fruit plate',  
         'desert': ['Ice cream', 'Cheese cake', 'Brownie']}
```

Here is an example of the console when the program is finished (your items will be different):

```
Would you like to see the drink, entre, snack or desert menu? drink  
Coke  
Sprite  
Water
```

```
Would you like to see the drink, entre, snack or desert menu? entre  
Steak  
Soup  
=> None
```

<Place a screen shot of your code and the output here>