

Restaurant Exercise

Time to take everything You've learned in python and go beyond! Use the dictionary below to finish this exercise

```
menu = {
    "Brunch" : {
        "Steak and Eggs": 16.99,
        "Three Egg Breakfast": 8.99,
        "Egg Benedict": 11.99,
        "Biscuit and Gravy": 7.99,
        "Chicken Fingers": 10.99,
        "Chicken Wrap": 8.99,
        "Steak Salad" : 1.99
    },
    "Drinks": {
        "Soft Drink": 1.99,
        "Coffee": 1.99,
        "Orange Juice": 0.99,
        "Milk": 0.55,
        "Water": 0.00
    }
}
```

The Restaurant is about to open for Brunch and the menu isn't complete yet, help fix the menu!

1. Fix the price of the steak salad. It should be 15.99
2. Add a specials menu that includes: Soup of the Day (8.99), Catch of the Day (14.99), Chef Special (15.99)
3. Change "Three Egg Breakfast" to have the options of: Without Bacon (8.99) and With Bacon (9.99)

I hear you, that was easy right? Let's step it up a notch (good luck!)

The Menu is set, get ready the first guest has arrived!

- For each table you will need to print a receipt for the requested items
- Assume all tables will have one payer
- On the 'receipt' you will need to:
 - print out each menu item order and the price of the item
 - calculate the total for their bill
 - calculate the sales tax (7%)
 - print out suggested tips (25%, 20%, 15%)
 - calculate total bill with sales tax included
- TABLE 1:
 - Guest 1: Egg Benedict, Coffee

- Guest 2: Biscuit and Gravy, Coffee
- Guest 3: Steak and Eggs, Soft Drink
- TABLE 2:
 - Guest 1: Steak Salad, Soft Drink
 - Guest 2: Soup of the Day, Chicken Wrap, Water
 - Guest 3: Chicken Fingers, Soft Drink
 - For the Table: Chef Special

Example:

Egg Benedict	\$	11.99
Biscuit and Gravy	\$	7.99
Steak and Eggs	\$	16.99
Coffee	\$	1.99
Coffee	\$	1.99
Soft Drink	\$	1.99

Price:	\$	42.94
Taxes:	\$	3.01
Total:	\$	45.95

****Suggested Tip****

Tip 25%:	11.49
Tip 20%:	9.19
Tip 15%:	6.89