EXPLORER

PYTHON
- Exercise 1.1
- Exercise 1.2
- Exercise 1.3
- Exercise 1.4
  - desserts.txt   U
  - hello.txt   U
  - list_heroes.py   U
  - pickle_dump.py   U
  - recipe_input.py   U
  - recipe_search.py   U
  - recipe.txt   U
  - recipes.bin   U
  - superheroes.txt   U
  - try_except.py   U
  - veggies.txt   U
  - vehicledetail.bin   U
- README.md

```python
46    # prompt user for enter the recipe filename
47    filename = input("Enter the filename to save the recipes: ")
48
49    # error handling if no file was found based on the user entered name
50    try:
51        with open(filename, "rb") as file:
52            data = pickle.load(file)
53    except FileNotFoundError:
54        data = {"recipes_list": [], "all_ingredients": []}
55    except Exception as e:
56        print(f"An error occured: {e}")
57        data = {"recipes_list": [], "all_ingredients": []}
58
59    recipes_list, all_ingredients = data["recipes_list"], data["all_ingredients"]
60
61    # prompt user to enter the number of recipe they would like to add
62    n = int(input("\nHow many recipes would you like to enter?: "))
63    for i in range(1, n+1):
64        recipe = take_recipe(i)
65        recipes_list.append(recipe)
66        for ingredient in recipe["ingredients"]:
67            if ingredient not in all_ingredients:
68                all_ingredients.append(ingredient)
69
70    # write recipe data into user's defined filename
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS   SNOWFLAKE

zsh - Exercise 1.4

```
(cf-python-base) daviddeng@davids-mbp Exercise 1.4 % ipython recipe_input.py
Enter the filename to save the recipes: recipes.bin

How many recipes would you like to enter?: 1

----- Recipe #1 -----
Enter your recipe name: tea
Enter the cooking time (in minutes): tea leaves, water

Invalid input! Please enter a number.
Enter the cooking time (in minutes): 5
Enter your ingredients, seperated by a comma: tea leaves, water

Recipes saved successfully!
(cf-python-base) daviddeng@davids-mbp Exercise 1.4 % ipython recipe_search.py
Enter the name of the file you want to save to: recipe.bin
No files match that name - please try again
(cf-python-base) daviddeng@davids-mbp Exercise 1.4 % ipython recipe_search.py
Enter the name of the file you want to save to: recipes.bin
File loaded successfully!
Ingredients List:
0 tea leaves
1 water
Enter the number for ingredents you would like to search: 1
Searching for recipes with water ...
{'name': 'tea', 'cooking_time': 5, 'ingredients': ['tea leaves', 'water'], 'difficulty': 'Easy'}
(cf-python-base) daviddeng@davids-mbp Exercise 1.4 %
```