

1.6 Databases in Python

Creating Recipe:

```
Welcome to the Recipe App!

//=====Recipe App Menu =====\\

Choose an option (1-8):

    1. Show all recipes
    2. Show ingredients
    3. Add a recipe
    4. Search recipe by name
    5. Search recipe by ingredient
    6. Update a recipe
    7. Delete a recipe
    8. Exit

█
```

```
----- Adding a New Recipe -----

Enter the recipe name: Grilled Chicken
Enter the cooking time (in minutes): 15
Enter the ingredients (comma-separated): Chicken, salt, italian sauce, cheese
Recipe 'Grilled Chicken' added successfully!

Exiting the Recipe App. Goodbye!
```

Searching recipe by ingredient:

```
5
Available Ingredients List:
-----
1. Chicken
2. bananas
3. cheese
4. italian sauce
5. salt
6. steak
7. vanilla pudding
8. wafers
9. whipped cream
-----

Enter the number of the ingredient to search (or press Enter to skip): 5
Ingredient 'salt' is available.
[('steak', 'steak,salt', 8, 'Easy'), ('steak', 'steak,salt', 8, 'Easy'), ('Grilled Chicken', 'Chick

Recipes containing 'salt':
-----

Recipe Name: steak

Cooking Time (Minutes): 8
Ingredients:
- steak
- salt
Difficulty Level: Easy
-----
```

Updating Recipe:

```
6
----- Update a Recipe -----

Recipes List:

1. Banana Pudding
2. steak
3. Grilled Chicken
Choose a recipe to update by number:3
Choose the column to update:
1. Name
2. Cooking Time
3. Ingredients
1
Enter the new name:italian chicken
Recipe updated successfully!
```

```
-----  
  
Recipe Name: italian chicken  
  
Cooking Time (Minutes): 15  
Ingredients:  
- Chicken  
- salt  
- italian sauce  
- cheese  
Difficulty Level: Hard  
-----
```

Deleting a Recipe:

```
7  
----- Delete a Recipe -----  
  
Recipes List:  
  
1. Banana Pudding  
2. steak  
3. italian chicken  
Choose a recipe to delete by number:3  
{'name': 'italian chicken', 'Ingredients': ['Chicken',  
notes)': 15, 'Difficulty': 'Hard']  
Recipe deleted successfully!
```

Final Recipes List with Difficulty Levels:

```
-----  
  
Recipe Name: Banana Pudding  
  
Cooking Time (Minutes): 10  
Ingredients:  
- bananas  
- whipped cream  
- vanilla pudding  
- wafers  
Difficulty Level: Hard  
-----  
  
-----  
  
Recipe Name: steak  
  
Cooking Time (Minutes): 8  
Ingredients:  
- steak  
- salt  
Difficulty Level: Easy  
-----  
  
//=====Recipe App Menu =====\\
```

Deleting a Recipe:

```
//=====Recipe App Menu =====\\  
  
Choose an option (1-8):  
  
1. Show all recipes  
2. Show ingredients  
3. Add a recipe  
4. Search recipe by name  
5. Search recipe by ingredient  
6. Update a recipe  
7. Delete a recipe  
8. Exit  
8  
Exiting the Recipe App. Goodbye!  
(cf-python-base) PS C:\Users\Daniel\Documents\CareerFoundry\Python\RecipeAppV1\Exercise1.6>
```