## Redo:

```
(cf-python-base) → python-recipe-app git:(master) x ipython exercise_1.4/recipe
_input.py
Filename where recipes are stored: my_recipes.bin
Creating file to store recipes: my_recipes.bin
How many recipes do you want to add? 2
Recipe name: Hot Chocolate
Cooking time in minutes: 5
Ingredients: milk, hot chocolate mix
Recipe name: Birthday Cake
Cooking time in minutes: 75
Ingredients: flour, sugar, eggs, vanilla, frosting, sprinkles
(cf-python-base) → python-recipe-app git:(master) x ipython exercise_1.4/recipe
_search.py
Filename where recipes are stored: my_recipes.bin
[(1, 'milk'), (2, 'hot chocolate mix'), (3, 'flour'), (4, 'sugar'), (5, 'eggs'),
(6, 'vanilla'), (7, 'frosting'), (8, 'sprinkles')]
Select an ingredient's number: 7
The following recipes include frosting:
Name: Birthday Cake
Cooking Time: 75
Ingredients: ['flour', 'sugar', 'eggs', 'vanilla', 'frosting', 'sprinkles']
Difficulty: Hard
```

```
(cf-python-base) → python-recipe-app git:(master) x ipython recipe_input.py
Filename where recipes are stored: my_recipes.bin
Creating file to store recipes: my_recipes.bin
How many recipes do you want to add? 3
Recipe name: Spaghetti and Meatballs
Cooking time in minutes: 45
Ingredients: spaghetti, meatballs, marinara sauce, cheese
Recipe name: Chocolate Chip Cookies
Cooking time in minutes: 60
Ingredients: flour, sugar, butter, chocolate chips salt
Recipe name: Spaghetti Squash Bowl
Cooking time in minutes: 60
Ingredients: spaghetti squash, marinara sauce, cheese, olive oil, chicken, peppers
```

```
(cf-python-base) → python-recipe-app git:(master) x ipython recipe_search.py
Filename where recipes are stored: my_recipes.bin
[(1, 'spaghetti'), (2, 'meatballs'), (3, 'marinara sauce'), (4, 'cheese'), (5, 'flour'), (6, 'sug ar'), (7, 'butter'), (8, 'chocolate chips salt'), (9, 'spaghetti squash'), (10, 'olive oil'), (11, 'chicken'), (12, 'peppers')]
Select an ingredient's number: 4
The following recipes include cheese:
Name: Spaghetti and Meatballs
Cooking Time: 45
Ingredients: ['spaghetti', 'meatballs', 'marinara sauce', 'cheese']
Difficulty: Easy
Name: Spaghetti Squash Bowl
Cooking Time: 60
Ingredients: ['spaghetti squash', 'marinara sauce', 'cheese', 'olive oil', 'chicken', 'peppers']
Difficulty: Easy
```