

Code Practice 1

```
In [1]: n = 50
```

```
In [3]: with open('number_list.txt', 'w') as my_file:  
...:     while n < 101:  
...:         my_file.writelines(str(n) + '\n')  
...:         n += 1
```

1	50
2	51
3	52
4	53
5	54
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10	59
11	60
12	61
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14	63
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32	81
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35	84
36	85
37	86
38	87
39	88
40	89
41	90
42	91
43	92
44	93
45	94
46	95
47	96
48	97
49	98
50	99
51	100

Code Practice 2

```
1  import pickle
2
3  recipe = {
4      'Name': 'Tea',
5      'Ingredients': 'Tea leaves, Water, Sugar',
6      'Cooking Time': '5 minutes',
7      'Difficulty': 'Easy'
8  }
9
10 my_file = open('recipe_binary.bin', 'wb')
11 pickle.dump(recipe, my_file)
12 my_file.close()
13
14 with open('recipe_binary.bin', 'rb') as my_file:
15     recipe = pickle.load(my_file)
16
17 print('Recipe Details -- ')
18 print('Name: ' + recipe['Name'])
19 print('Ingredients: ' + recipe['Ingredients'])
20 print('Cooking Time: ' + recipe['Cooking Time'])
21 print('Difficulty: ' + recipe['Difficulty'])
```

```
(cf-python-base) → tasks ipython recipe_write.py
Recipe Details --
Name: Tea
Ingredients: Tea leaves, Water, Sugar
Cooking Time: 5 minutes
Difficulty: Easy
```