

Assignment 18

1. Create a zoo.py file first. Define the hours() function, which prints the string 'Open 9-5 daily'. Then, use the interactive interpreter to import the zoo module and call its hours() function.

```
In [15]: import zoo
         zoo.hours()

Open 9-5 daily
```

2. In the interactive interpreter, import the zoo module as menagerie and call its hours() function.

```
In [16]: import zoo as menagerie
         menagerie.hours()

Open 9-5 daily
```

3. Using the interpreter, explicitly import and call the hours() function from zoo.

```
In [17]: from zoo import hours
         hours()

Open 9-5 daily
```

4. Import the hours() function as info and call it.

```
In [18]: plain_dict = {'a':1,'b':2,'c':3}
         print(plain_dict)

{'a': 1, 'b': 2, 'c': 3}
```

6. Make an OrderedDict called fancy from the same pairs listed in 5 and print it. Did it print in the same order as plain?

```
In [19]: from collections import OrderedDict
         fancy = OrderedDict(plain_dict)
         print(f'plain_dict -> {plain_dict}')
         print(f'fancy -> {fancy}')

plain_dict -> {'a': 1, 'b': 2, 'c': 3}
fancy -> OrderedDict([('a', 1), ('b', 2), ('c', 3)])
```

7. Make a default dictionary called dict_of_lists and pass it the argument list. Make the list dict_of_lists['a'] and append the value 'something for a' to it in one assignment. Print dict_of_lists['a'].

```
In [20]: from collections import defaultdict
         dict_of_lists = defaultdict(list)
         dict_of_lists['a'].append('something for a')
         print(dict_of_lists['a'])

['something for a']
```