

```
In [3]: !type zoo.py
```

The system cannot find the file specified.

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

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

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

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

```
In [4]: from zoo import hours
        hours()
```

Open 9-5 daily

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

```
In [5]: from zoo import hours as info
        info()
```

Open 9-5 daily

5. Create a plain dictionary with the key-value pairs 'a': 1, 'b': 2, and 'c': 3, and print it out.

```
In [6]: 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 [7]: 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 [8]: 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']
```