**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.**

# zoo.py

def hours():

print('Open 9-5 daily')

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

>>> import zoo

>>> zoo.hours()

Open 9-5 daily

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

>>> from zoo import hours

>>> hours()

Open 9-5 daily

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

>>> 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.**

>>> 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?**

>>> from collections import OrderedDict

>>> fancy = OrderedDict([('a', 1), ('b', 2), ('c', 3)])

>>> print(fancy)

OrderedDict([('a', 1), ('b', 2), ('c', 3)])

Yes, the OrderedDict maintains the order of insertion.

**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'].**

>>> 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']