**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.**

Assignment 1:

#zoo.py

def hours():

print('Open 9-5 daily')

#Using the interpreter

import zoo

zoo.hours()

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

Answer 2:

#Importing as menagerie

import zoo as menagerie

menagerie.hours()

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

Answer 3:

#Explicit import and call

from zoo import hours

hours()

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

Answer 4:

#Import as info and call

from zoo import hours as info

info()

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

Answer 5:

plain\_dict = {'a': 1, 'b': 2, 'c': 3}

print(plain\_dict)

**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?**

Answer 6:

from collections import OrderedDict

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

print(fancy)

**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'].**

Answer 7:

from collections import defaultdict

dict\_of\_lists = defaultdict(list)

dict\_of\_lists['a'].append('something for a')

print(dict\_of\_lists['a'])