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.

**Ans:**

import sys

sys.path.insert(0, '/Users/Samridhi Baranwal/.spyder-py3')

from zoo import hours

hours()

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

**Ans:**

import zoo as menagerie

menagerie.hours()

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

**Ans:**

import zoo

zoo.hours()

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

**Ans:**

from zoo import hours

hours()

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

**Ans:**

d={'a': 1, 'b': 2,'c': 3}

print(d)

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?

**Ans:**

from collections import OrderedDict

od = OrderedDict()

od['a'] = 1

od['b'] = 2

od['c'] = 3

print(od)

yes, order is same

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'].

**Ans:**

dict\_of\_lists={}

dict\_of\_lists['a']="something for a"

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