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: def hours():  
 print('Open 9-5 daily')  
import zoo  
zoo.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: from zoo import hours

hours()

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

Ans: 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.

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

{'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?

Ans: from collections import OrderedDict

fancy= OrderedDict([('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'].

From collections import defaultdict

dict\_of\_lists = defaultdict(list)

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

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