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()**

**Open 9-5 daily**

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

**Ans : >>> import zoo as menagerie**

**>>> menagerie.hours()**

**Open 9-5 daily**

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

**Ans : >>> from zoo import hours**

**>>> hours()**

**Open 9-5 daily**

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

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

**>>> plain**

**{'a': 1, 'c': 3, 'b': 2}**

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

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

**>>> plain**

**{'a': 1, 'c': 3, 'b': 2}**

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'].

**Ans : >>> from collections import defaultdict**

**>>> dict\_of\_lists = defaultdict(list)**

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

**>>> dict\_of\_lists['a']**

**['something for a']**