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

**Plain**

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**

**Yes it will print in the same order as plain.**

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']**