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: **from** google.colab **import** files

uploaded **=** files**.**upload()

Upload widget is only available when the cell has been executed in the current browser session. Please rerun this cell to enable.

Saving zoo.py to zoo.py

**import** zoo

**from** importlib **import** reload

reload(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:

**from** zoo **import** hours **as** info

info()

Open 9-5 daily

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, '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:

*#Yes*

**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']