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.

Solution1:-

Creating a zoo.py file by a new text file.

Writing code inside the text file:-

def hours():

print('Open 9-5 daily')

then save it as zoo.py file.

In another jupyter notebook……write the code:-

Import zoo as z

z.hours()

output:- Open 9-5 daily

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

Solution2:-

import zoo as menagerie

menagerie.hours()

output:- Open 9-5 daily

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

Solution3:-

from zoo import hours

hours()

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

Solution4:-

from zoo import hours as info

info()

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

Solution5:-

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

plain\_dict

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?

Solution6:- from collections import OrderedDict

fancy = OrderedDict([('a', 1), ('b', 2), ('c', 3)])

fancy

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'].

Solution7:- from collections import defaultdict

dict\_of\_lists = defaultdict(list)

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

dict\_of\_lists['a']