**Assignment\_18**

Q1. 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 : Then, use the interactive interpreter to import the zoo module and call its hours() function.

import zoo

from importlib import reload

reload(zoo)

zoo.hours()

output : Open 9-5 daily

Q2. In the interactive interpreter, import the zoo module as menagerie and call its hours() function.

Ans : import zoo as menagerie

menagerie.hours()

output : Open 9-5 daily

Q3. Using the interpreter, explicitly import and call the hours() function from zoo.

Ans :

from zoo import hours

hours()

output : Open 9-5 daily

Q4. Import the hours() function as info and call it.

Ans :

from zoo import hours as info

info()

output : Open 9-5 daily

Q5. 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

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

Q6. 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

output : OrderedDict([('a', 1), ('b', 2), ('c', 3)])

Q7. 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']

output : ['something for a']