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 & call its hours() function.

Ans : from google.colab import files

uploaded = files.upload()

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Saving zoo.py to zoo.py

import zoo

from importlib import reload

reload(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 & call the hours () function from zoo.

Ans : from zoo import hours

hours()

4)import the hours() function as info & call it.

Ans : from zoo import hours as info

info()

5)create a plain dictionary with a key value pairs a:1,b:2,& c:3 and print it out.

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

plain

O/p {'a': 1, 'b': 2, 'c': 3}

6)make an orderedDict called fancy from the same pairs listed in 5 & 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

O/p: OrderedDict([('a', 1), ('b', 2), ('c', 3)])

7)make a default Dictionary called dict\_of\_list and pass it the arguments list.make the list dict\_of\_lists['a']. And append the value something for a to it the 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']