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

In [30]:

**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

In [32]:

menagerie**.**hours()

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

ANS: **from** zoo **import** hours

hours()

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

ANS: **from** zoo **import** hours **as** info

info()

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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

Out[35]:

{'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

In [36]:

**from** collections **import** OrderedDict

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

fancy

Out[36]:

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']

Out[37]:

['something for a']