**Assignment 18 Solutions**

In [1]:

**!**type zoo.py

def hours():

print("Open 9-5 daily")

**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.**

In [2]:

**import** zoo

zoo**.**hours()

Open 9-5 daily

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

In [3]:

**import** zoo **as** menagerie

menagerie**.**hours()

Open 9-5 daily

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

In [4]:

**from** zoo **import** hours

hours()

Open 9-5 daily

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

In [5]:

**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.**

In [6]:

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

print(plain\_dict)

{'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?**

In [7]:

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

fancy **=** OrderedDict(plain\_dict)

print(f'plain\_dict -> {plain\_dict}')

print(f'fancy -> {fancy}')

plain\_dict -> {'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'].**

In [8]:

**from** collections **import** defaultdict

dict\_of\_lists **=** defaultdict(list)

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

print(dict\_of\_lists['a'])

['something for a']