#### 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.

I/P1:

**!**type zoo.py

def hours():

print("Open 9-5 daily")

I/P2:

**import** zoo

zoo**.**hours()

O/P:

Open 9-5 daily

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

I/P:

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

menagerie**.**hours()

O/P:

Open 9-5 daily

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

I/P:

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

hours()

O/P:

Open 9-5 daily

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

I/P:

**from** zoo **import** hours **as** info

info()

O/P:

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.

I/P:

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

print(plain\_dict)

O/P:

{'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?

I/P:

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

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

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

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

O/P:

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'].

I/P:

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

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

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

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

O/P:

['something for a']