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.

import zoo  
zoo.hours()

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

import zoo as menagerie  
menagerie.hours()

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

from zoo import hours  
hours()

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

from zoo import hours as info  
info()

1. Create a plain dictionary with the key-value pairs 'a': 1, 'b': 2, and 'c': 3, and print it out.
2. d={'a': 1, 'b': 2,'c': 3}  
   print(d)

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?

d={'a': 1, 'b': 2,'c': 3}  
print(d)  
  
from collections import OrderedDict  
fancy = OrderedDict(d)  
print(f'plain\_dict -> {d}')  
print(f'fancy -> {fancy}')

output:

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'].

from collections import defaultdict  
dict\_of\_lists = defaultdict(list)  
dict\_of\_lists['a'].append('something for a')  
print(dict\_of\_lists['a'])

output:

['something for a']