**PYTHON BASIC ASSIGNMENT\_18 - SUBMITTED BY SAMUEL DEVDAS**

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.import zoo

zoo.hours()

Output: 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

menagerie.hours()

menagerie

Output: Open 9-5 daily

<module 'zoo' from 'C:\\Users\\samue\\jupyter files\\Assignments practice\\modules practice\\zoo.py'>

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

Ans. from zoo import hours

zoo.hours()

Output: Open 9-5 daily

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

Ans. from zoo import hours as info

info()

Output: 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.

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

print(dict)

Output: {'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. dict={'a': 1, 'b': 2,'c': 3}

print(dict)

Output: {'a': 1, 'b': 2, 'c': 3}

## The order remains the same but fancy prints as an ‘ordered dictionary’ and its type is ‘collections.OrderedDict’, whereas, type of dict is ‘dict’.

from collections import OrderedDict

fancy=OrderedDict(dict)

print(fancy)

Output: 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. dict\_of\_lists={}

dict\_of\_lists[list]=[]

dict\_of\_lists['a']=['something for a']

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

print(dict\_of\_lists)

Output:

['something for a']

{<class 'list'>: [], 'a': ['something for a']}