ASSIGNMENT - 18

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*

*def hours():*

*print("Open 9-5 daily")*

*zoo.hours()*

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

Ans:

*import zoo as menagerie*

*def hours():*

*print("Open 9-5 daily")*

*menagerie.hours()*

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

Ans:

*from zoo import hours*

*def hours():*

*print("Open 9-5 daily")*

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

*print(plain\_dict)*

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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: *from collections import OrderedDict*

*fancy = OrderedDict(plain\_dict)*

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

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

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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')*

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

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