

### Question 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.

#### Answer 1:

```
import zoo
zoo.hours()
```

Output: Open 9-5 daily

### Question 2.

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

#### Answer 2:

```
import zoo as menagerie
menagerie.hours()
```

Output: Open 9-5 daily

### Question 3.

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

#### Answer 3:

```
from zoo import hours
hours()
```

Output: Open 9-5 daily

### Question 4.

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

#### Answer 4:

```
from zoo import hours as info
info()
```

Output: Open 9-5 daily

### Question 5.

Create a plain dictionary with the key-value pairs 'a': 1, 'b': 2, and 'c': 3, and print it out.

#### Answer 5:

```
plain_dict = {'a': 1, 'b': 2, 'c': 3}
plain_dict
```

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

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**Full Stack Data Science- iNeuron 2021**  
**Python Basic Assignment: Assignment 18**

### **Question 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?

#### **Answer 6:**

```
from collections import OrderedDict  
fancy = OrderedDict([('a', 1), ('b', 2), ('c', 3)])  
fancy
```

Output: OrderedDict([('a', 1), ('b', 2), ('c', 3)])

### **Question 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'].

#### **Answer 7:**

```
from collections import defaultdict  
dict_of_lists = defaultdict(list)  
dict_of_lists['a'].append('something for a')  
dict_of_lists['a']
```

output: ['something for a']