Assignment 18 Solutions

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:

In [1]:

```
import zoo
from importlib import reload
reload(zoo)

zoo.hours()
```

```
Open 9-5 daily
```

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

ANS;

In [2]:

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

```
Open 9-5 daily
```

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

ANS:

In [3]:

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

```
Open 9-5 daily
```

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

ANS:

In [4]:

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

```
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:

In [5]:

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

Out[5]:

```
{'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:

In [7]:

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

Out[7]:

```
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:

In [8]:

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

```
['something for a']
```