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:

```
In [5]: 1 import zoo

In [6]: 1 zoo.hours()
        Opne 9-5 daily
```

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

Answer

```
In [7]: 1 import zoo as menagerie

In [8]: 1 menagerie.hours()
        Opne 9-5 daily
```

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

Answer

```
In [9]: 1 from zoo import hours

In [10]: 1 hours()
         Opne 9-5 daily
```

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

Answer

```
In [11]:
1 from zoo import hours as info

In [12]:
1 info()

Opne 9-5 daily
```

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

Answer

```
In [38]:
1 plain={'a':1,'b':2,'c':3}
2 plain

Out[38]: {'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?

Answer

```
In [39]:
1 from collection import OrderedDict
2 fancy=OrderedDict([('a', 1), ('b', 2), ('c', 3)])
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'].

Answer

In [37]:
```
from collections import defaultdict
dict_of_lists = defaultdict(list)
dict_of_lists['a'].append('something for a')
dict_of_lists['a']
```

Out[37]:
```
['something for a']
```