Here's how you can complete each of these tasks:

**Step 1: Create a zoo.py file**

Create a Python file named zoo.py and define the hours() function:

# zoo.py

def hours():

print("Open 9-5 daily")

Now, you can import this module in an interactive Python session.

**Step 2: Import zoo module and call hours()**

Open a Python interactive shell (run python in your terminal or command prompt) and type:

import zoo

zoo.hours()

**Step 3: Import zoo as menagerie**

In the interactive shell:

import zoo as menagerie

menagerie.hours()

**Step 4: Explicitly import and call hours()**

from zoo import hours

hours()

**Step 5: Import hours() as info**

from zoo import hours as info

info()

**Step 6: Create and print a plain dictionary**

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

print("Plain Dictionary:", plain)

**Step 7: Create an OrderedDict**

from collections import OrderedDict

fancy = OrderedDict([('a', 1), ('b', 2), ('c', 3)])

print("OrderedDict:", fancy)

Since Python 3.7+, regular dictionaries (dict) maintain insertion order, so both should print in the same order.

**Step 8: Create a defaultdict**

from collections import defaultdict

dict\_of\_lists = defaultdict(list)

dict\_of\_lists['a'].append('something for a')

print("DefaultDict:", dict\_of\_lists['a'])

The defaultdict ensures that if a key does not exist, it initializes it with an empty list before appending.