Describe parsing of common data format (XML, JSON, and YAML) to Python data structures

XML

OCG_xml_sample.xml

working_with_xml.py

```
import xmltodict
with open("OCG_xml_sample.xml") as data:
    xml_example = data.read()
xml_dict = xmltodict.parse(xml_example)
print(xml_dict) # OrderedDict([('interface', OrderedDict([('@xmlns', 'ietf-
interfaces'), ('name', 'GigabitEthernet2'), ('description', 'Wide Area Network'),
('enabled', 'true'),('ipv4', OrderedDict([('address', OrderedDict([('ip',
'192.168.0.2'), ('netmask', '255.255.255.0')]))]))])
# Modify an xml interface
xml dict["interface"]["ipv4"]["address"]["ip"] = "192.168.55.3"
# Print the changes in XML format
print(xmltodict.unparse(xml_dict, pretty=True))
#0utput
<?xml version="1.0" encoding="UTF-8" ?>
<interface xmlns="ietf-interfaces">
  <name>GigabitEthernet2
  <description>Wide Area Network</description>
  <enabled>true</enabled>
  <ipv4>
    <address>
     <ip>192.168.1.5</ip>
     <netmask>255.255.0/netmask>
```

```
</address>
</ipv4>
</interface>
""""

# Write changes to new file uses 4 spaces for indent
with open("OCG_xml_sample_changed_4spaces.xml", "w") as data:
    data.write(xmltodict.unparse(xml_dict, pretty=True))

# Write changes to new file uses 2 spaces for indent
with open("OCG_xml_sample_changed_2spaces.xml", "w") as data:
    data.write(xmltodict.unparse(xml_dict, pretty=True, indent=" "))
```

When writing to a file, my system uses 4 spaces for indent and it looks like below:

I can change this to 2 which is more compact and looks nicer in my opinion: