**Week Ten Pre-Lab**

Directions: Complete each of the scripts below and submit them by the date specified in the assignment sheet and Blackboard. Submit **copies of your code** and **screenshots of the code running with each task**. Also, be sure to use the document, **Script Requirements as a guide** to writing good code. **Full credit will not be earned if you do not meet these script requirements.** **10 points**

**Note: Since we are running APIs on the NXOS switches in this lab, be sure to run the feature nxapi command from global configuration on each switch before attempting to send and API request.**

**NX-API Data Model**

1. Use the following URL and GET request, with an empty payload to return a list of interfaces with IPv4 addresses on your switch (don’t forget to authenticate and get a cookie):



1. **Before writing your code in the next assignment, use the Visore browser to navigate to the section of the model shown above. See if you can generate the same URL from the Visore model. Take a screenshot of your result.**

**A screenshot of a computer

Description automatically generated**

1. **Write a script that iterates the interface names and their URL locations from the dictionary returned in step 1. Your output should look something like the following:**

