## This is meant to be super simple and can just be “done” in spare time.

## You will make typos. This will lead to debugging. Which is how we learn,

This will teach how some api responses work. And some Curl exercises which is super simple. You can ignore anything after #### marks which are meant to be comments.

## Step 1: Deck of Cards API

This is super simple, clean and easy

Curl <https://deckofcardsapi.com/api/deck/new/>

After that worked, inspect headers of rest

Curl -v <https://deckofcardsapi.com/api/deck/new/>

## Step 2: lets try ios-xe

#U/p developer/C1sco12345 @ <https://ios-xe-mgmt.cisco.com:9443/restconf/data/Cisco-IOS-XE-native:native>

Curl -u developer:C1sco12345 <https://ios-xe-mgmt.cisco.com:9443/restconf/data/Cisco-IOS-XE-native:native> ### this should give a certificate issue, so give it a -k to ignore

Curl -u developer:C1sco12345 <https://ios-xe-mgmt.cisco.com:9443/restconf/data/Cisco-IOS-XE-native:native> -k #### this should work well, but its all in xml, which is xe default, so

Curl -u developer:C1sco12345 <https://ios-xe-mgmt.cisco.com:9443/restconf/data/Cisco-IOS-XE-native:native> -k -H “Accept:application/yang-data+json” ### this works well. Lets change url, and then look at headers

Curl -u developer:C1sco12345 <https://ios-xe-mgmt.cisco.com:9443/restconf/data/>ietf-interfaces:interfaces/interface=GigabitEthernet2 -k -H “Accept:application/yang-data+json” -v ### this works well. Lets change url, and then look at headers

## Step 3: lets try DNAC

### Dnac works on a token system, (same as meraki and teams and most everything else than IOS-XE you have to do a post to get your token

Curl -u devnetuser:Cisco123! https://sandboxdnac.cisco.com/dna/system/api/v1/auth/token -k -X POST ### this works well.