**Tropo API Lab:**

**Notes:**

* Note I did not have to create an account / request outbound access, could take a few min extra
* Sometimes Spark SIP calling doesn't work -- have had mixed success
* In Step 4: You have to click save settings after you save the script for changes to take effect. Either that or sometimes it takes 1-2 minutes for settings to take effect.
* I tried calling out to my mobile number which worked fine, however I tried calling my SIP address amachhab@cisco.com and didn't get any call
* While using the API key I was able to call out to my SIP URI

Tropo Lab 1 Duration: 27 min

**Spark Postman Lab:**

**Notes:**

* Note I did not have to create an account.
* Didn’t run into any issues with this lab at all – well done on the documentation!

Spark Postman Lab Duration: 29 min

**Spark Webhooks Python Lab:**

N/A – waiting for lab guide

**Spark Python Lab:**

Notes:

* Using python 3.5 I had to add parenthesis to the print function at the end
* With GetRooms I got this error, it did output about 30 rooms though:

File "lab.py", line 19, in <module>

print ("> Room:", room)

File "C:\Users\Amandeep\AppData\Local\Programs\Python\Python35-32\lib\encodings\cp437.py", line 19, in encode

return codecs.charmap\_encode(input,self.errors,encoding\_map)[0]

UnicodeEncodeError: 'charmap' codec can't encode character '\u2014' in position 11: character maps to <undefined>

* Under Step 2 it doesn’t list how to get the room IDs, although we could do this from the previous PostMan Lab
* On page 8 there is a typo in the function, it lists (mytoken,mytoken) should by (mytoken,myroom)
* Step 3 – API URL is incorrect – plus in your requests it needs the json=payloads instead of response=payloads, otherwise causes a HTTP 400 error
* Step 4 – in the function your API URL is wrong so it fails
* Step 5 – Same thing – the API URL is incorrect – needs to be messages instead of rooms too

Spark Python Lab Duration: 45 min

**Spark Python Lab Excel:**

There are discrepancies between the word doc and the github script, the word doc has some errors that must be fixed first. Other than that everything looks good.

Duration: 20 min