README
Lab Hw2
Question 3: Python programming

---------- Input ----------
Arguments will be IP addresses: < IP address 1 > < IP address 2 > … < IP address n >

---------- Output ----------
Print out of adjacency data structure to console

---------- Instructions ----------
Setup
Install packages:
- sys
- time
- paramiko

Linux command line: (in directory that contains Python source files)
1. python p3.py < IP address 1 > < IP address 2 > < IP address n >

```
PS C:\Users\micha\Desktop> python .\p3.py 169.254.231.151 123.123.123.1

Invalid IP given: 123.123.123.1

#######################
{'169.254.231.151': {'Neighbor 1: Sw1.abc.com': {'Local Node Interface': 'FastEthernet0/5', 'Adjacent Node Interface': 'FastEthernet0/
7', 'Local VLAN': '1', 'Adjacent VLAN': '1'}, 'Neighbor 2: Sw1.abc.com': {'Local Node Interface': 'FastEthernet0/11', 'Adjacent Node I
nterface': 'FastEthernet0/11', 'Local VLAN': '20', 'Adjacent VLAN': '20'}}}
#######################
PS C:\Users\micha\Desktop>
```

---------- Source Code Files ----------
readme
p3.py

---------- Environment ----------
Linux
VCL: Ubuntu 16.04 LTS Base
Python: 3.5.2

Windows 10
Python: 3.6.5

---------- Example 1 ----------

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