**Homework # 14** 15 - Retrieving address (Subnet Mask)

Hi,

Using command-line argument and regex create the ruby script for following assignment:

01.  script\_15\_01.rb

Retrieve Mac address from you commuter

Arguments (1): subnet\_mask

Output: Subnet mask: 255.255.255.0

\* Not required - make to all scripts portable (run on both PC and Mac)

\*\* Mac uses hexadecimal format for its Subnetmask address (netmask 0xffffff00)

Hint:

1. To match use scan (because you’ll need second match - match[1])
2. To match hexadecimal: re\_mac = /[^(?:0x)]?([\da-fA-F]{8})/
3. You have to convert array to string: match[1].to\_s
4. You have to remove [, ] and " - subnet\_mask = match[1].to\_s.gsub(/\[/,"").gsub(/"/,"").gsub(/\]/,"")
5. To convert hexadecimal to decimal: scan(/../).map {|i| i.to\_i(16)}.join(".")

puts "ffffff00".scan(/../).map {|i| i.to\_i(16)}.join(".")

=> "255.255.255.0"

Thanks,

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