

## LABORATORY 2

Course Title: Network

Automation

Course code: MN521

## Student Details:

Name: Samiullah ID: MIT240044

Course Teacher's Name:

Mohammad Rana

Date of Submission:

23.05.2025

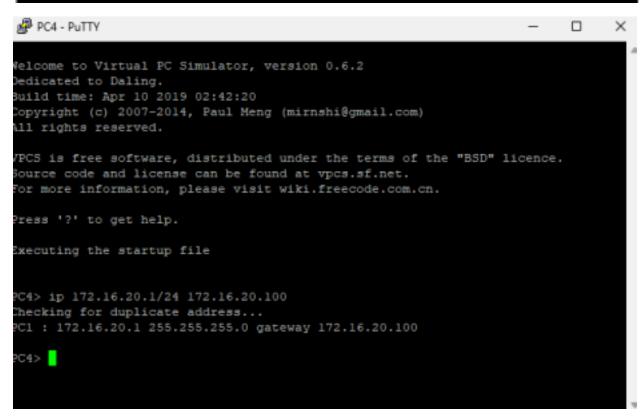
Rl(config-if) #exit
Rl(config) #exit
Rl#
\*Mar 1 00:02:04.055: %SYS-5-CONFIG\_I: Configured from console by console
Rl#write
Building configuration...
[OK]

```
₽ R1
                                                                          ×
Enter configuration commands, one per line. End with CNTL/Z.
R1(config) #interface FastEther
Rl(config) #interface FastEthernet 1/1
Rl(config-if) #ip address dhcp
IP addresses may not be configured on L2 links.
Rl(config-if) #exit
R1(config) #exit
R1#
*Mar 1 00:02:04.055: %SYS-5-CONFIG I: Configured from console by console
Building configuration...
[OK]
Rl#enable
R1#con
R1#config
Configuring from terminal, memory, or network [terminal]?
Enter configuration commands, one per line. End with CNTL/Z.
Rl(config) #username cisco privilege 15 password secret
Rl(config) #crypto key generate rsa
Please define a domain-name first.
R1(config) #line vty 0 4
Rl(config-line)#transport input ssh
Rl(config-line)#login local
Rl(config-line) #exit
R1(config) #exit
R1#
*Mar 1 00:06:33.427: %SYS-5-CONFIG I: Configured from console by console
Building configuration...
```

```
PC1 - PuTTY
                                                                               ×
Welcome to Virtual PC Simulator, version 0.6.2
edicated to Daling.
Muild time: Apr 10 2019 02:42:20
Copyright (c) 2007-2014, Paul Meng (mirnshi@gmail.com)
all rights reserved.
/PCS is free software, distributed under the terms of the "BSD" licence.
ource code and license can be found at vpcs.sf.net.
or more information, please visit wiki.freecode.com.cn.
Press '?' to get help.
Executing the startup file
C1> ip 172.16.10.1/24 172.16.10.100
Checking for duplicate address...
Cl : 172.16.10.1 255.255.255.0 gateway 172.16.10.100
C1>
```

(OK) R1#

```
PC2 - PuTTY
                                                                         C ×
Welcome to Virtual PC Simulator, version 0.6.2
Dedicated to Daling.
Build time: Apr 10 2019 02:42:20
Copyright (c) 2007-2014, Paul Meng (mirnshi@gmail.com)
All rights reserved.
VPCS is free software, distributed under the terms of the "BSD" licence.
Source code and license can be found at vpcs.sf.net.
For more information, please visit wiki.freecode.com.cn.
Press '?' to get help.
Executing the startup file
PC2> ip 172.16.10.2/24 172.16.10.100
Checking for duplicate address...
PC1 : 172.16.10.2 255.255.255.0 gateway 172.16.10.100
PC2>
```



PC3>