Topology SSH on router Cisco

172.16.1.0/16
.2
Se0/2/0
.1
Se0/2/0
254 Router0
Rou Gig0/0/0
.254
Gig0/0/1
Gig0/1
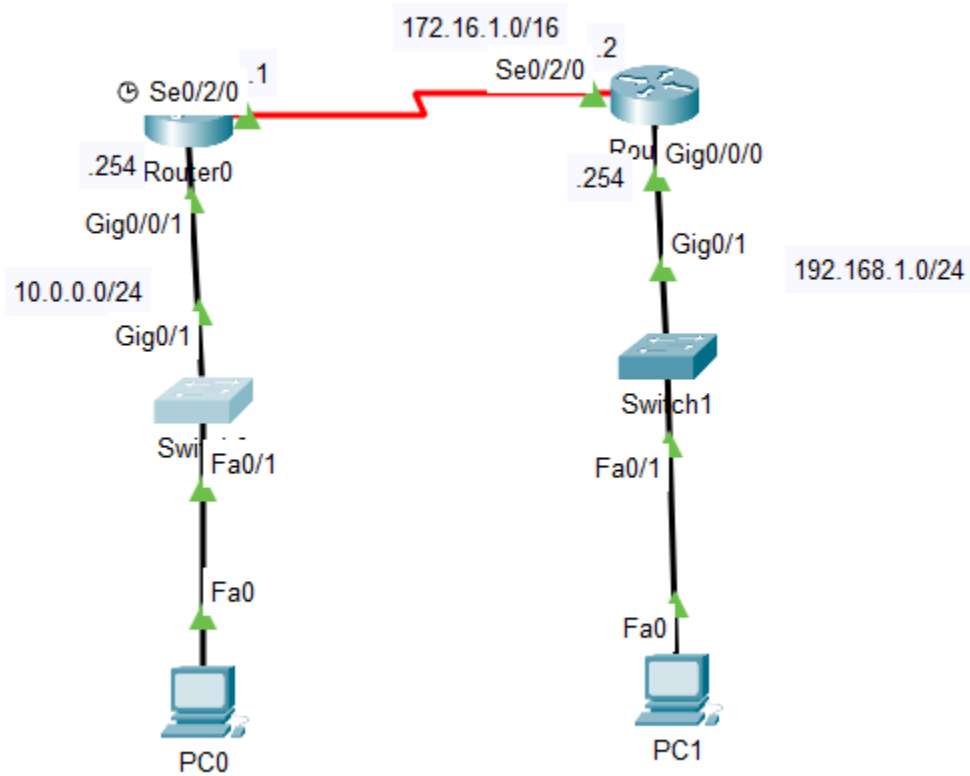192.168.1.0/24
10.0.0.0/24
Gig0/1
Swi Fa0/1
Switch1
Fa0/1
Fa0
Fa0
PC0
PC1

Step 1 :

Config IP on the Router 1

Config IP on the Router 2

Step 2 :

Config SSH on the Router R1

```
R1#conf ter
R1#conf terminal
Enter configuration commands, one per line.  End with CNTL/Z.
R1(config)#ip domain-name nwc204.com
R1(config)#username cisco password 123456
R1(config)#crypto key gen
R1(config)#crypto key generate rsa
The name for the keys will be: R1.nwc204.com
Choose the size of the key modulus in the range of 360 to 4096 for your
  General Purpose Keys. Choosing a key modulus greater than 512 may take
  a few minutes.

How many bits in the modulus [512]: 512
% Generating 512 bit RSA keys, keys will be non-exportable...[OK]

R1(config)#line vty 0 4
*Mar 1 0:17:20.817: RSA key size needs to be at least 768 bits for ssh version 2
*Mar 1 0:17:20.821: %SSH-5-ENABLED: SSH 1.5 has been enabled
R1(config-line)#login local
R1(config-line)#transport input ssh
R1(config-line)#
```

Use PC 0 connect SSH to Router R1
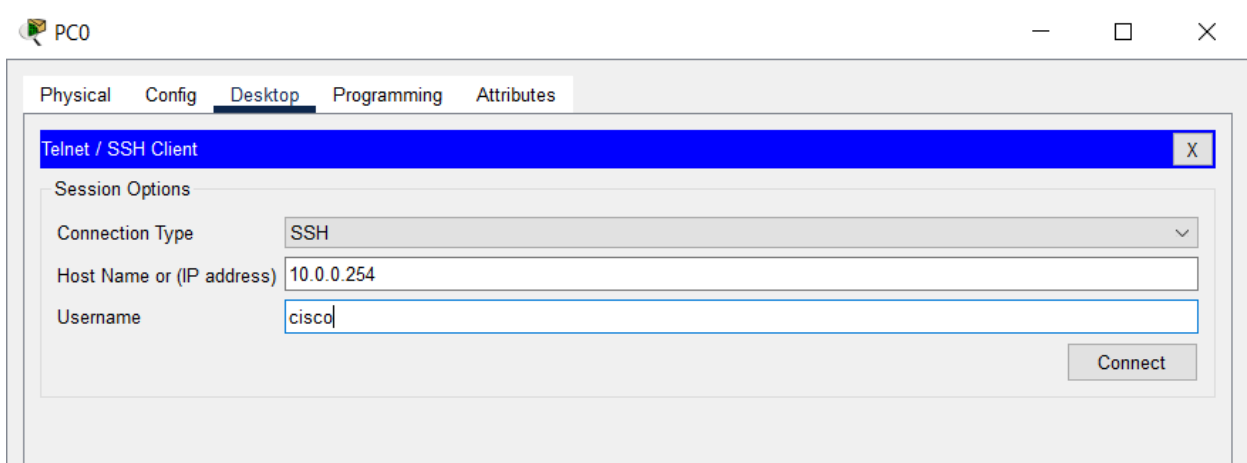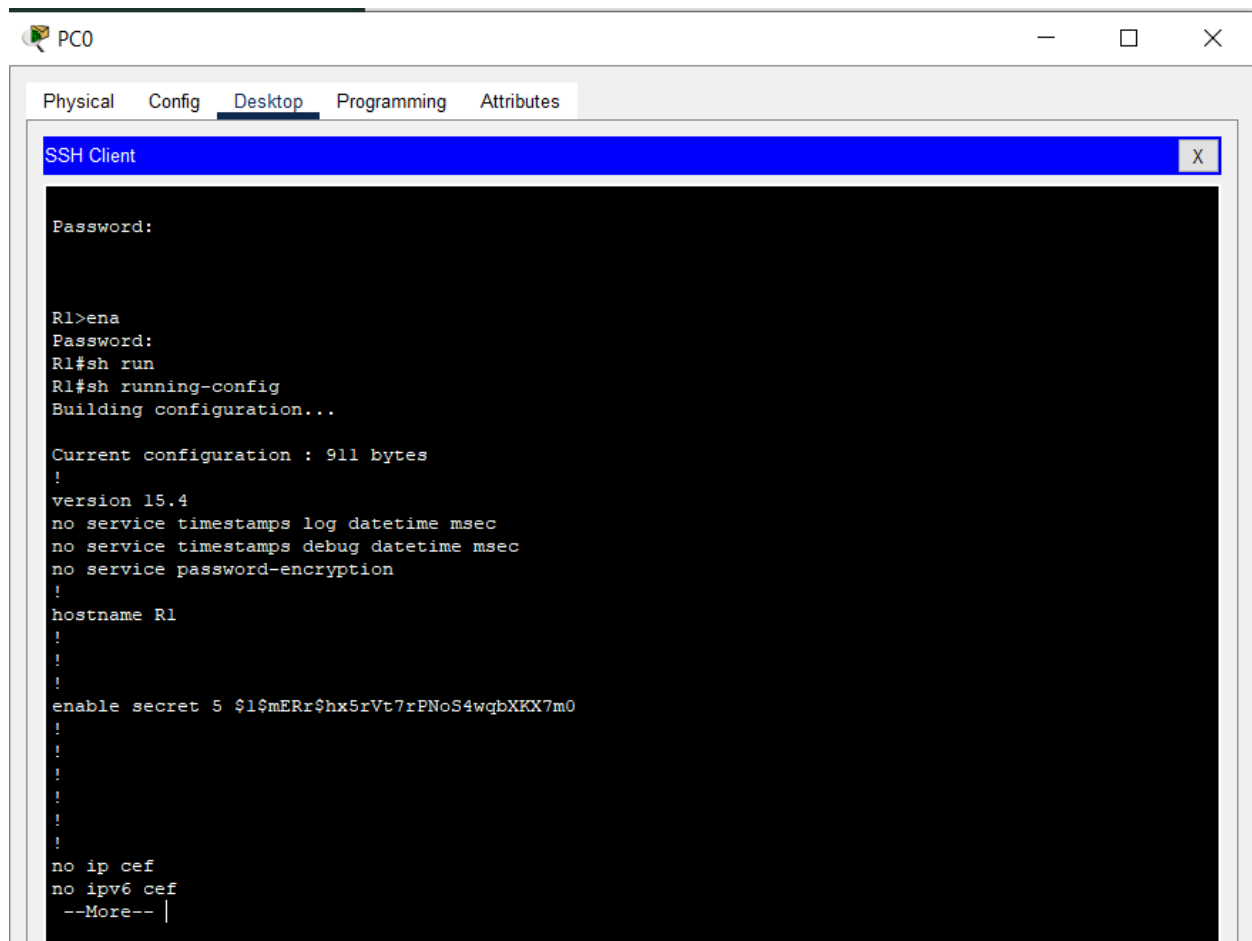
Configuring SSH on Router R2 is similar

Done!