

configure Router2:

```
Router>enable
Router#config
Configuring from terminal, memory, or network [terminal]?
Enter configuration commands, one per line. End with CNTL/Z.
Router(config)#hostname R2
R2(config)#ip domain-name ee462.kau.edu.sa
R2(config)#username
% Incomplete command.
R2(config)#username user password 123456
R2(config)#line console 0
R2(config-line)#login local
R2(config-line)#exit
R2(config)#exit
R2#
%SYS-5-CONFIG_I: Configured from console by console

R2#enable secret 123456
^
% Invalid input detected at '^' marker.

R2#config
Configuring from terminal, memory, or network [terminal]?
Enter configuration commands, one per line. End with CNTL/Z.
R2(config)#enable secret 123456
R2(config)#interface GigabitEthernet0/0
R2(config-if)#ip address 10.10.12.2 255.255.255.252
R2(config-if)#no shhutdown
^
% Invalid input detected at '^' marker.

R2(config-if)#no shutdown

R2(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet0/0, changed state to up
```

```
R2(config-if)#exit
R2(config)#interface GigabitEthernet1/0
R2(config-if)#exit
R2(config)#interface GigabitEthernet0/0
R2(config-if)#ip address 10.10.12.1 255.255.255.252
R2(config-if)#no shutdown
R2(config-if)#exit
R2(config)#interface GigabitEthernet1/0
R2(config-if)#ip address 10.10.11.2 255.255.255.252
R2(config-if)#no shutdown

R2(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet1/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet1/0, changed state to up

R2(config-if)#exit
R2(config)#interface GigabitEthernet2/0
R2(config-if)#ip address 192.168.30.254 255.255.255.0
R2(config-if)#no shutdown

R2(config-if)#
%LINK-5-CHANGED: Interface GigabitEthernet2/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet2/0, changed state to up

R2(config-if)#exit
R2(config)#line vty 0 4
R2(config-line)#transport input ssh
^
% Invalid input detected at '^' marker.

R2(config-line)#transport input ssh
R2(config-line)#login local
R2(config-line)#exit
R2(config)#exit
R2#
%SYS-5-CONFIG_I: Configured from console by console

R2#write memory
Building configuration...
[OK]
R2#reload
Proceed with reload? [confirm]
System Bootstrap, Version 12.1(3r)T2, RELEASE SOFTWARE (fc1)
Copyright (c) 2000 by cisco Systems, Inc.
Initializing memory for ECC
..
FT1000 processor with 524288 Kbytes of main memory
Main memory is configured to 64 bit mode with ECC enabled

Readonly ROMMON initialized

Self decompressing the image :
##### [OK]
```

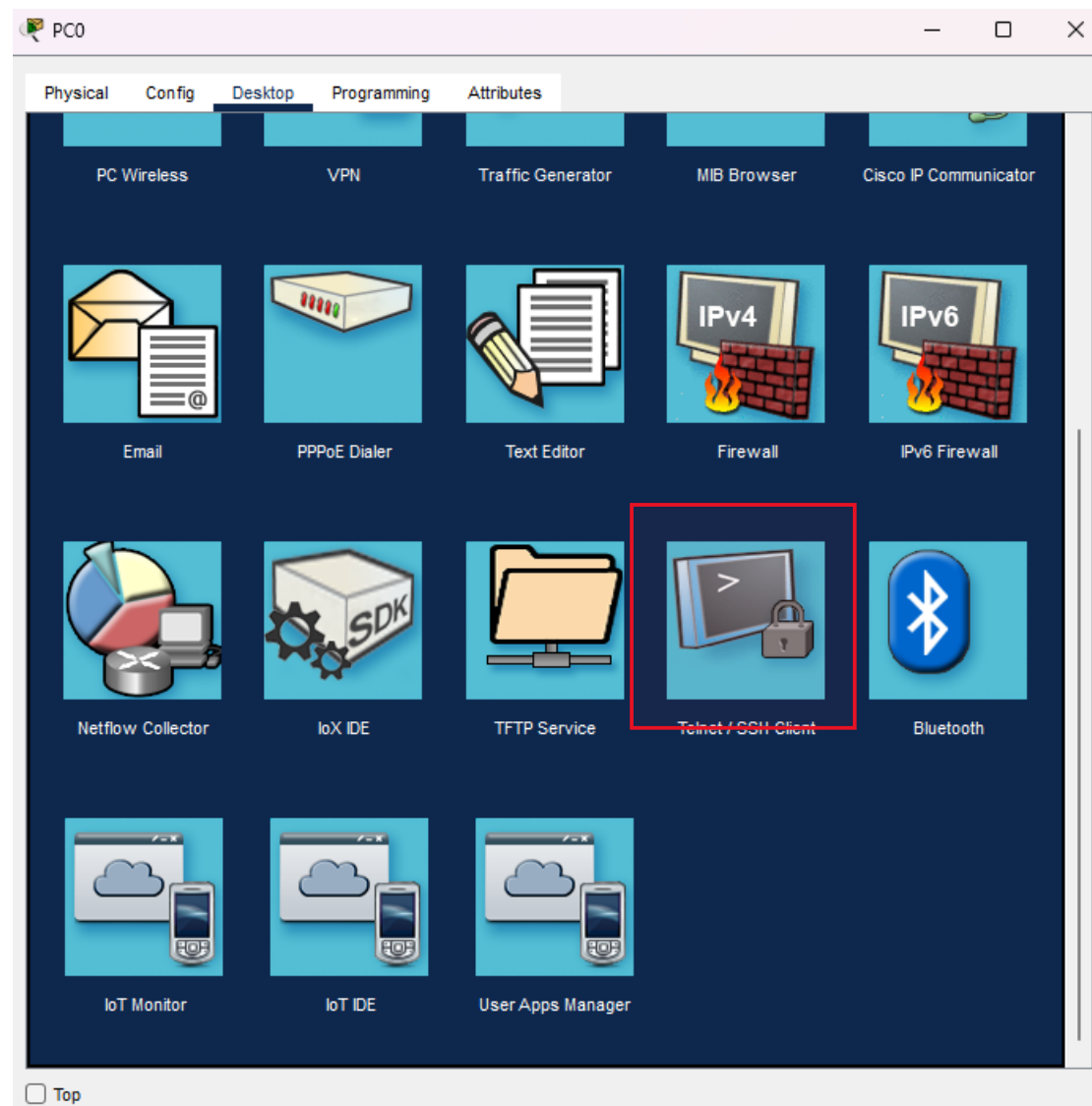
```
Username: user
Password:

R2>enable
Password:
R2#config
Configuring from terminal, memory, or network [terminal]?
Enter configuration commands, one per line. End with CNTL/Z.
R2(config)#ip route 192.168.10.0 255.255.255.0 10.10.12.2
R2(config)#ip route 192.168.20.0 255.255.255.0 10.10.11.1
R2(config)#exit
R2#
%SYS-5-CONFIG_I: Configured from console by console

R2#write memory
Building configuration...
[OK]
R2#reload
Proceed with reload? [confirm]
System Bootstrap, Version 12.1(3r)T2, RELEASE SOFTWARE (fcl)
Copyright (c) 2000 by cisco Systems, Inc.
Initializing memory for ECC
..
PT1000 processor with 524288 Kbytes of main memory
Main memory is configured to 64 bit mode with ECC enabled

Readonly ROMMON initialized

Self decompressing the image :
#####
```



PC0

Physical Config **Desktop** Programming Attributes

Telnet / SSH Client X

Session Options

Connection Type SSH

Host Name or (IP address) 192.168.30.254

Username user

Connect

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