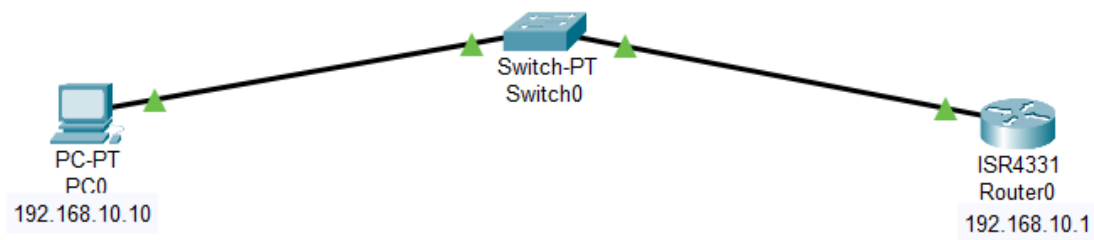# Configuration and verification of remote user authentication on a Cisco router and switch using local username-password authentication using SSH.

IPv4 Address:- 192.168.10.10

IPv4 Address:- 192.168.10.1

Gateway:- 192.168.10.1

CNSRouter#

CNSRouter#config t

CNSRouter(config)#hostname CNSRouter

CNSRouter(config)#enable password cisco

CNSRouter(config)#ip domain-name cisco.com

CNSRouter(config)#username Admin password cisco

CNSRouter(config)#cry?

CNSRouter(config)#crypto key generate RSA

How many bits in the modulus [512]: 1024

CNSRouter(config)#line vty 0 15

CNSRouter(config-line)#login local

CNSRouter(config-line)#transport input SSH

CNSRouter(config-line)#exit

CNSRouter(config)#ip ssh version 2

```
Cisco Packet Tracer PC Command Line 1.0
C:\>ssh -1 Admin 192.168.10.1

Password:




CNSRouter>en
Password:
CNSRouter#config t
Enter configuration commands, one per line.  End with CNTL/Z.
CNSRouter(config)#
```