4. Specify the name for the router with: R1: 1) Router(config)#hostname R1

5. Specify the name for the router with: R1: 1) Router(config)#hostname S1

6. Configure MOTD banner on R1 to be:" Unauthorized access is prohibited":

1) R1(config)#BAnner Motd #Unauthorized access is prohibited#

7. Specify an encrypted password for R1 as: Router(config) cisco: enable secret cisco

8. Specify a password to prevent unauthorized access to the console of R1 as: class:

1) Router(config)#line console 0

2)password class

9. Specify a password to prevent unauthorized telnet access to R1 as lab:

1) Router(config)#line vty 0 4

2)password lab

 10. Enter the command that encrypts plain text passwords.:

1) Router(config)#service password-encryption

11-a. Configure the domain name to be ju.com:

1) Router(config)#ip domain-name ju.com

b. Secure keys are needed to encrypt the data. Generate the RSA keys using a 1024 key

length: R1(config)#crypto key generate rsa general-keys modulus 1024

c. Create an administrator user with pass123 as the secret password.:

R1(config)#username administrator secret pass123