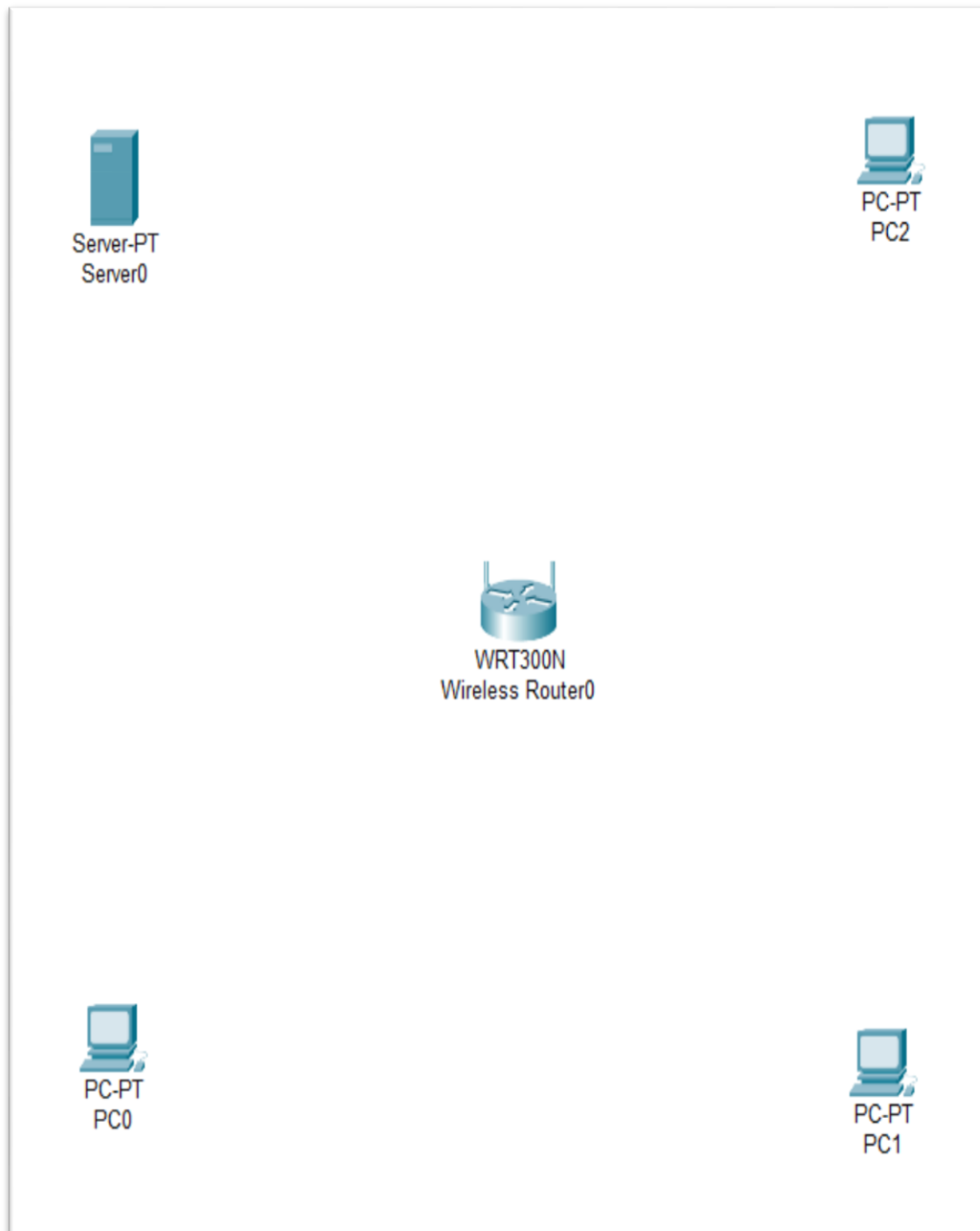


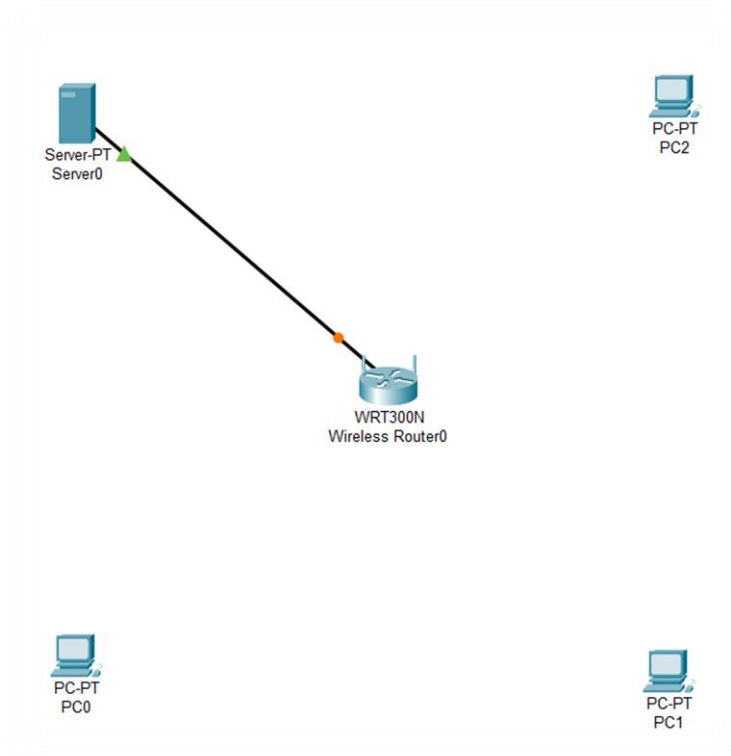
## Practical No: 4

### Aim: Planning Network-based Firewalls.

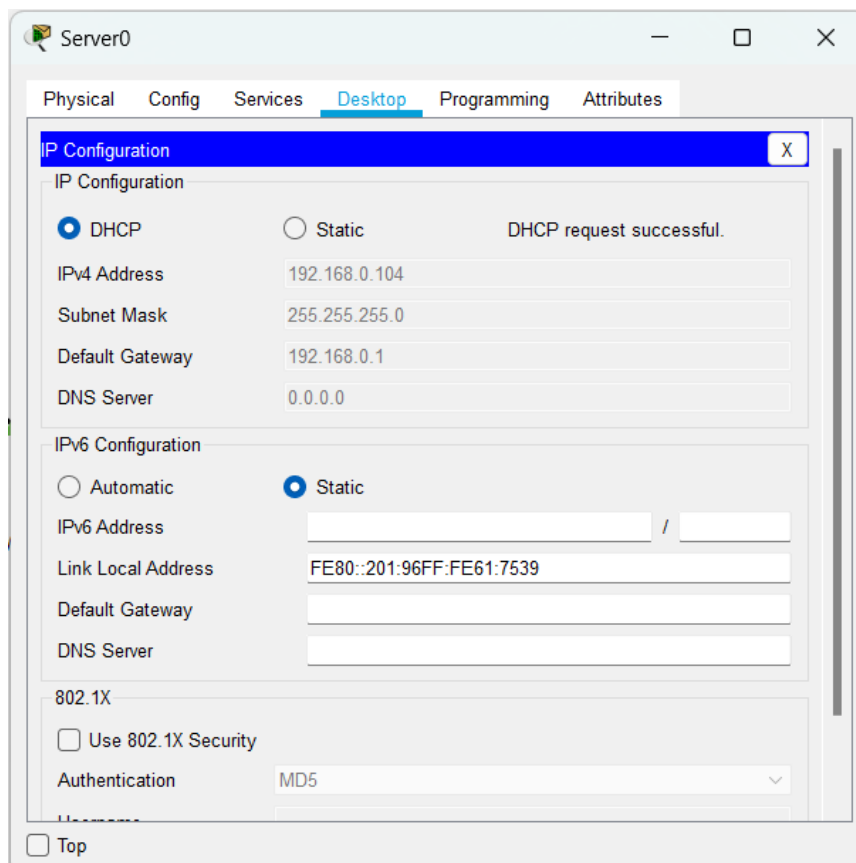
Step1: Take components like this and arrange in this manner.



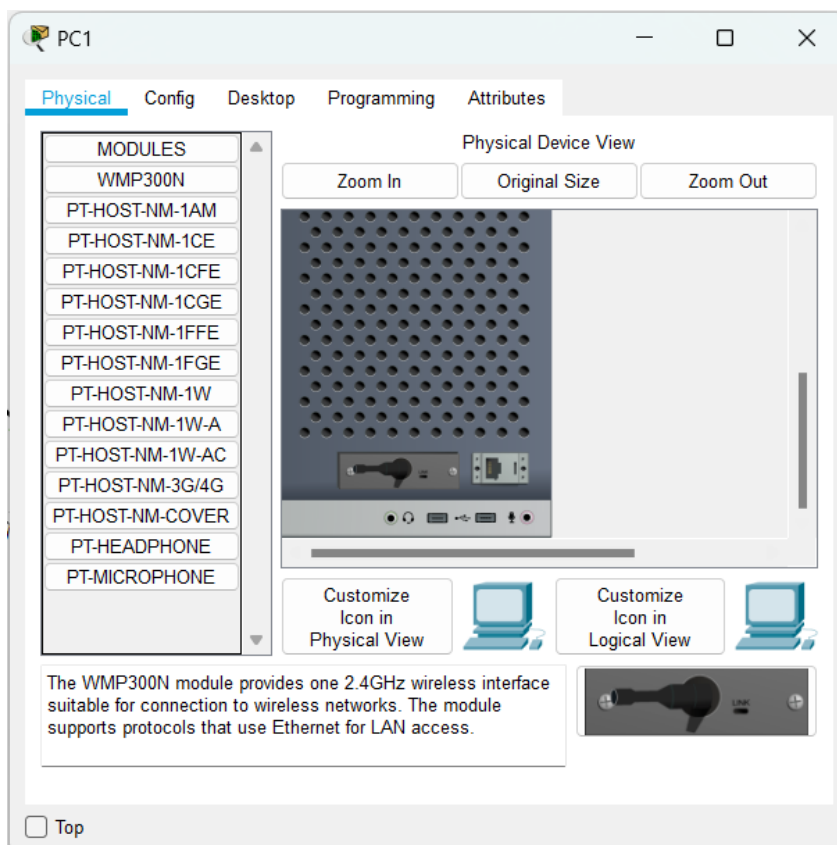
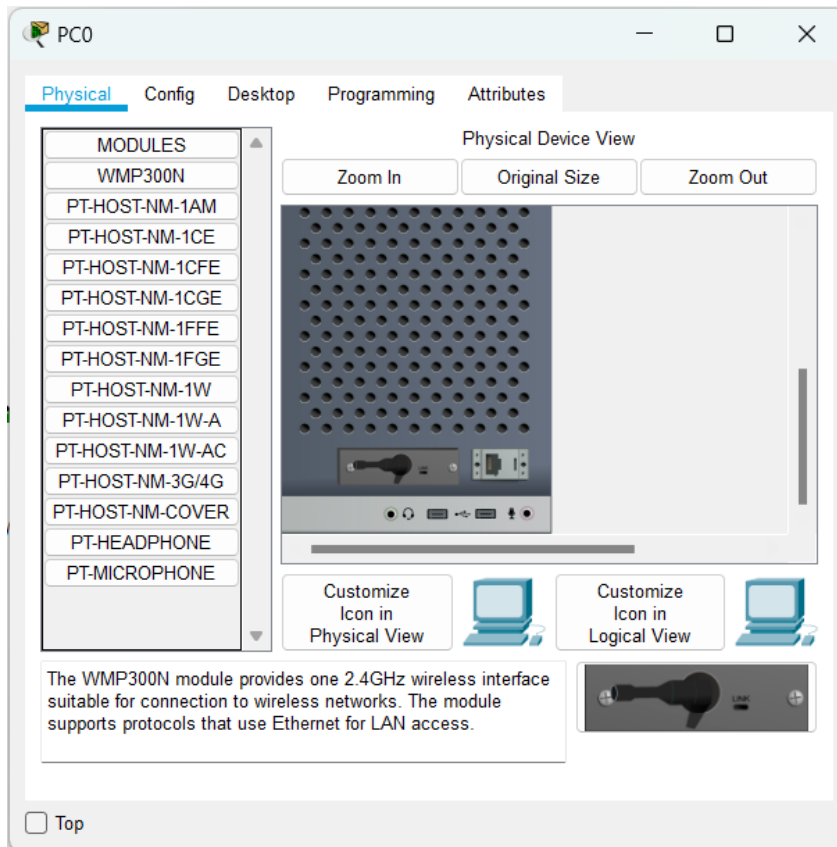
Step 2: Make connection between Server and Wireless Router using Ethernet cable.

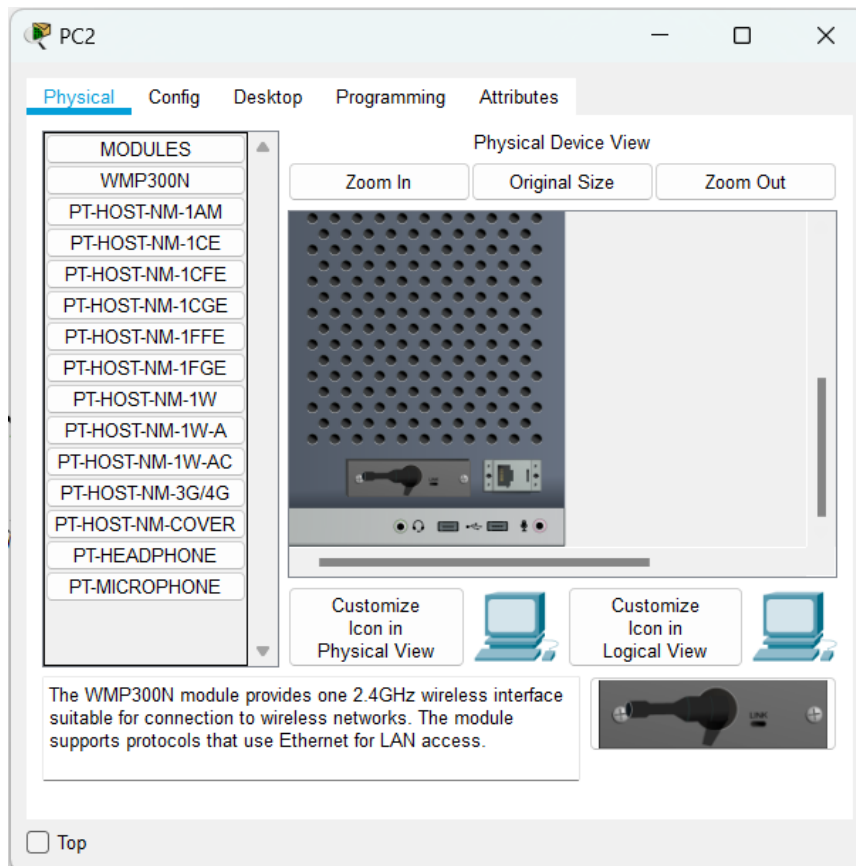


Step 3: After Wire turn green. Click on the Server0 > Desktop > IP Configuration > Select DHCP.

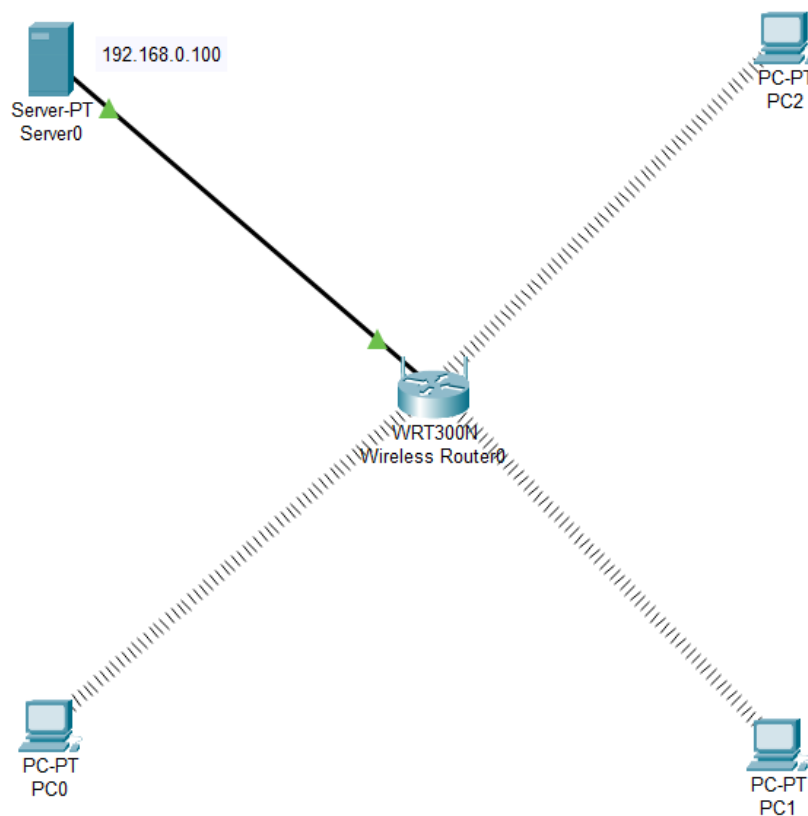


Step 4: Click on PC0 > Physical > Turn OFF the PC > remove previous component and replace with WMP300N. Same for PC1 And PC2



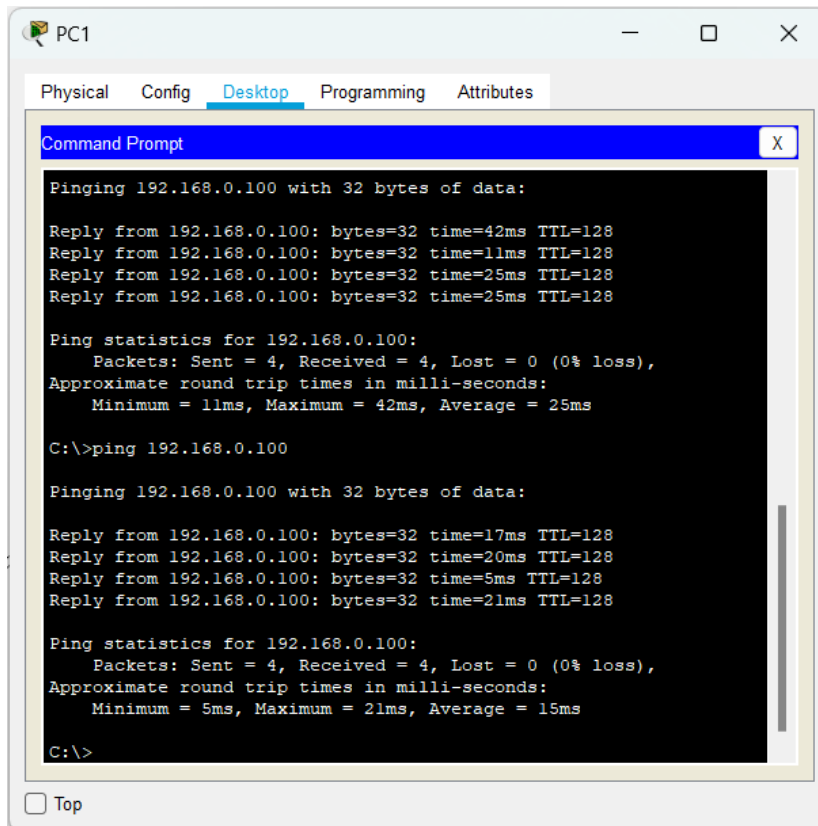


Step 7: After that connection will look like this.

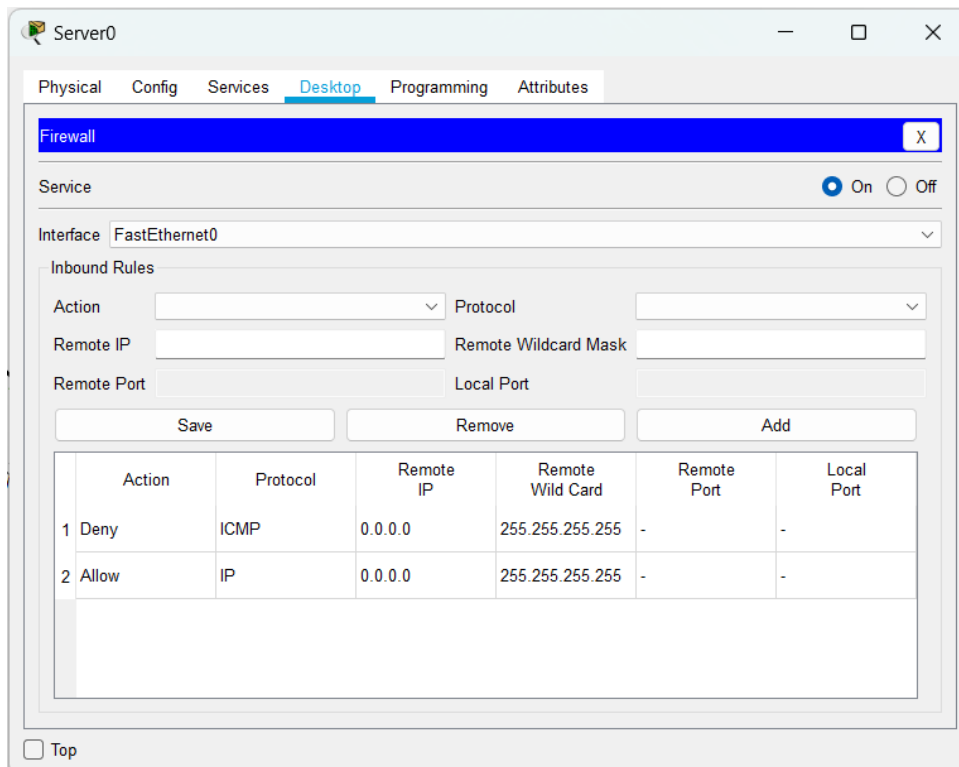


Step 8: Click on PC1 > Desktop > Command prompt> enter command

**Ping 192.168.0.100.** Same for PC0 and PC2.

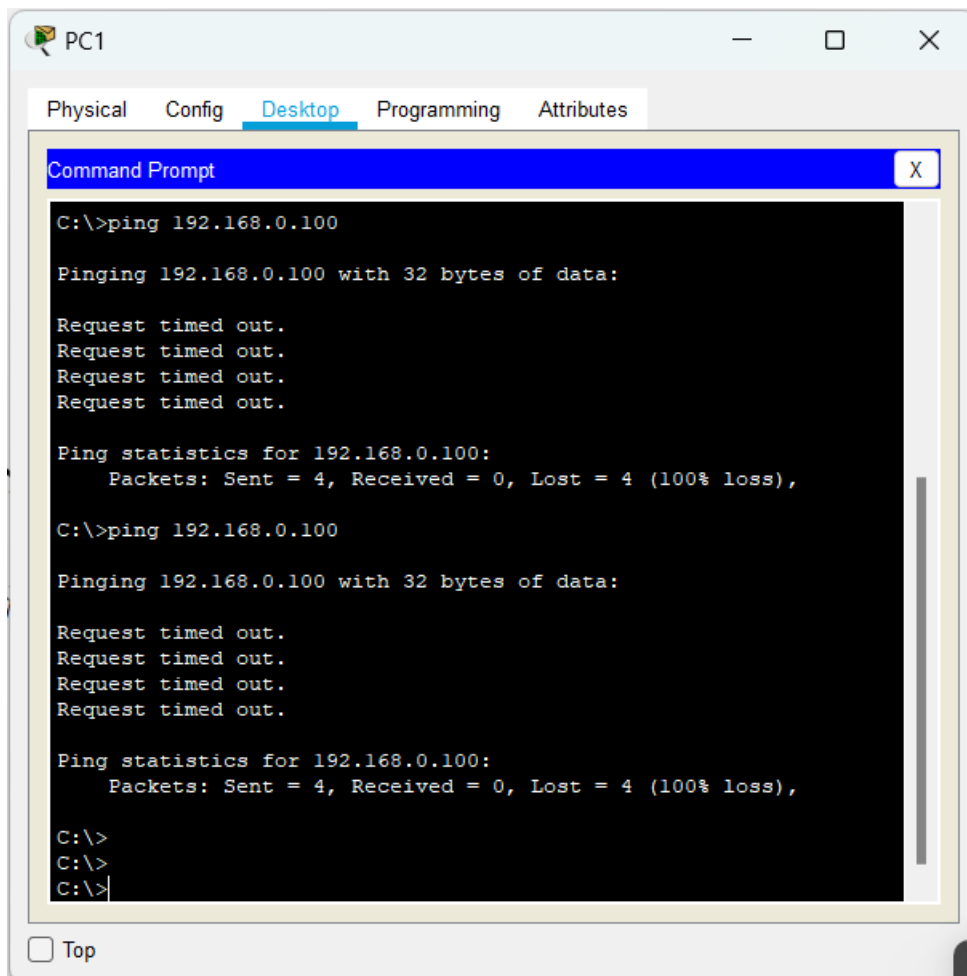


Step 9: Click on Server0 > Desktop > IPv4 Firewall > Add New services.



Step 10: Click on PC1 > Desktop > Command prompt> enter command

**Ping 192.168.0.100.** Same for PC0 and PC2.



The screenshot shows a window titled 'PC1' with tabs for 'Physical', 'Config', 'Desktop', 'Programming', and 'Attributes'. The 'Desktop' tab is active, displaying a 'Command Prompt' window. The Command Prompt shows the execution of the 'ping 192.168.0.100' command twice. Each execution results in four 'Request timed out.' messages and a summary showing 'Packets: Sent = 4, Received = 0, Lost = 4 (100% loss)'. The Command Prompt window has a blue title bar and a close button (X) in the top right corner. A 'Top' button is visible at the bottom left of the PC1 window.

```
C:\>ping 192.168.0.100

Pinging 192.168.0.100 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 192.168.0.100:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>ping 192.168.0.100

Pinging 192.168.0.100 with 32 bytes of data:

Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 192.168.0.100:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),

C:\>
C:\>
C:\>
```