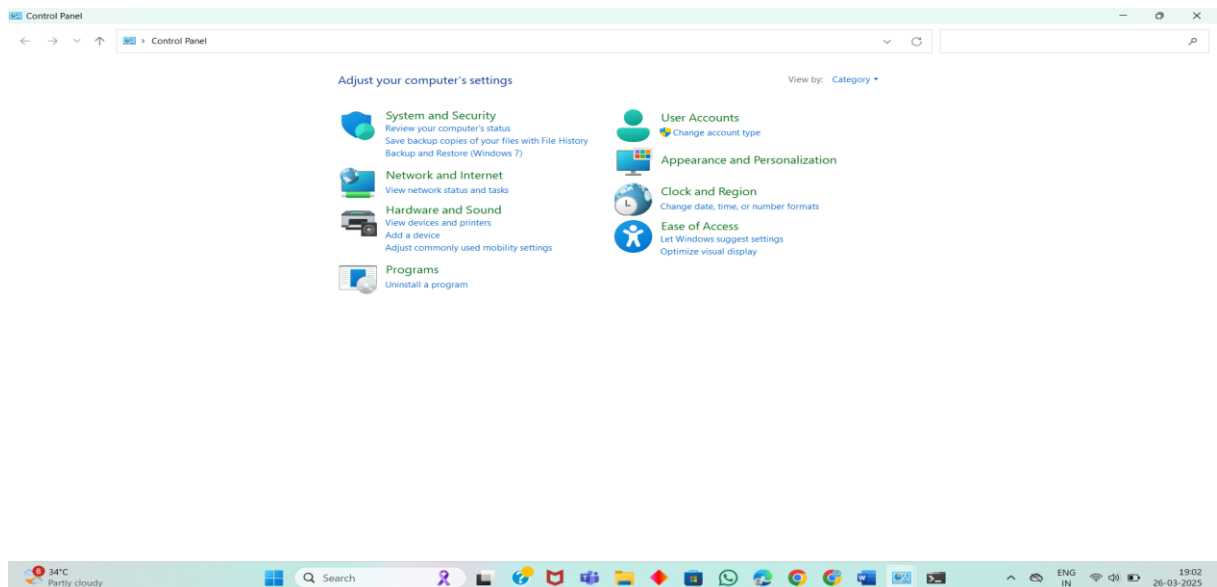
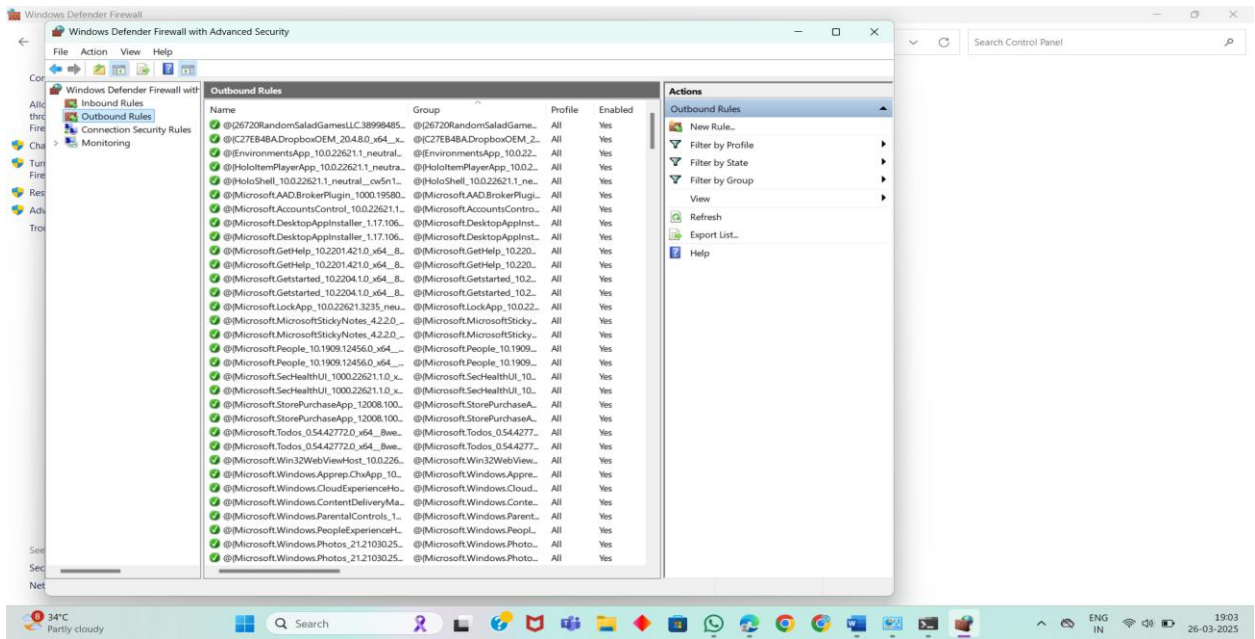


<b>Register No:</b>	<b>99220040570</b>
<b>Name:</b>	<b>K.Hanumaan</b>
<b>Class/Section:</b>	<b>8501 A/S06</b>
<b>Ex.No:</b>	<b>17</b>
<b>Name of the Experiment</b>	<b>Block the Website by configuring the Firewall</b>
<b>Google Drive link of the packet tracer file (give view permission):</b>	<a href="https://drive.google.com/drive/folders/12uMOeOyWp4vZv9NEQcALvUjCWRIwAD8C?usp=drive_link">https://drive.google.com/drive/folders/12uMOeOyWp4vZv9NEQcALvUjCWRIwAD8C?usp=drive_link</a>

1. Select the Control Panel

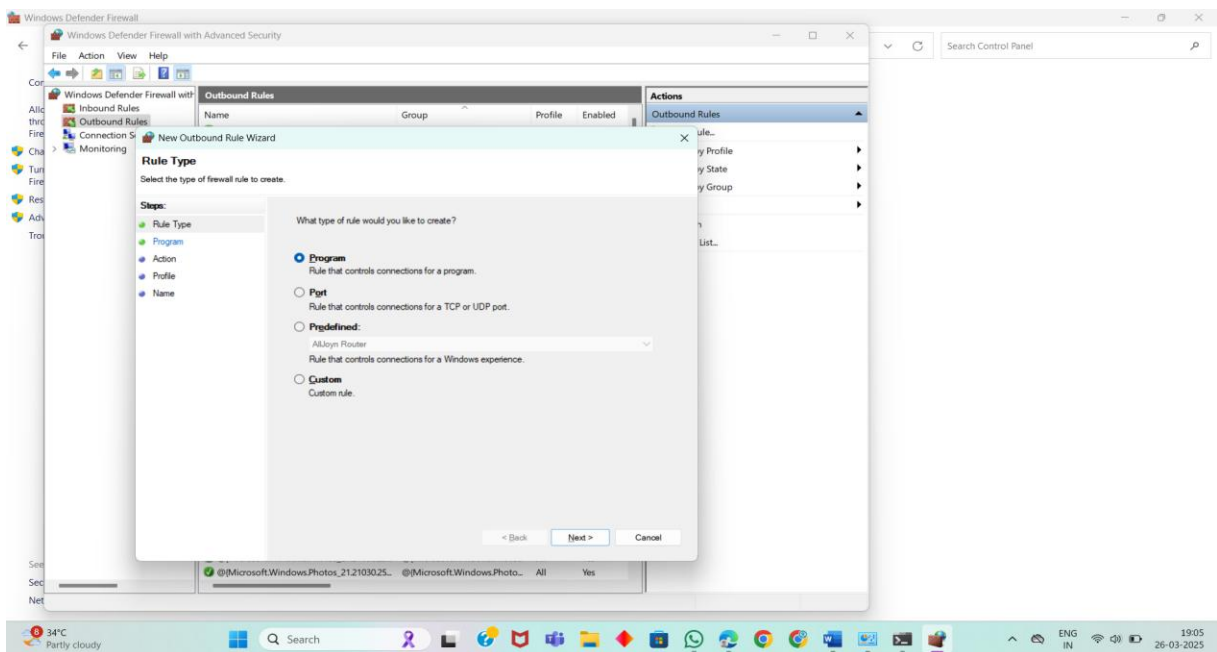


2. Click Systems and Security
3. Click Windows defender Firewall
4. Click Advanced setting
5. Enter the Administrator Password
6. Click the outbound rule



7. Right Click Outbound Rule

8. Click New Rule

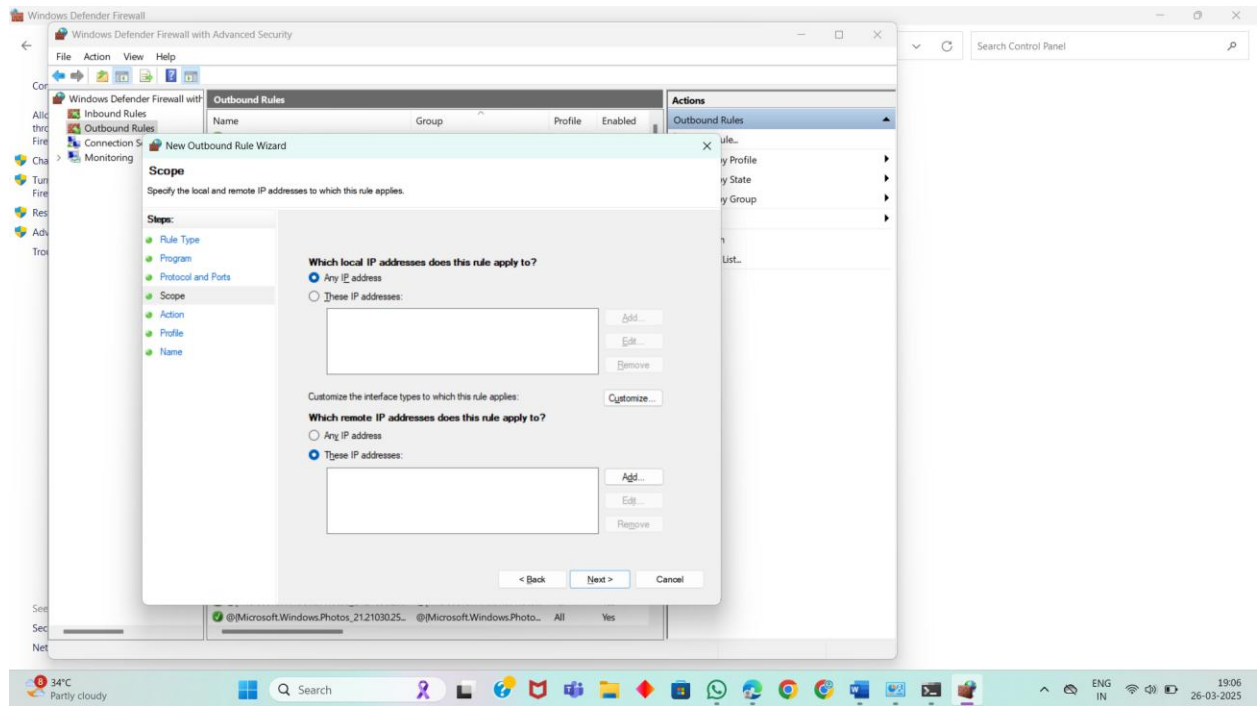


9. Click custom

10. Click Next

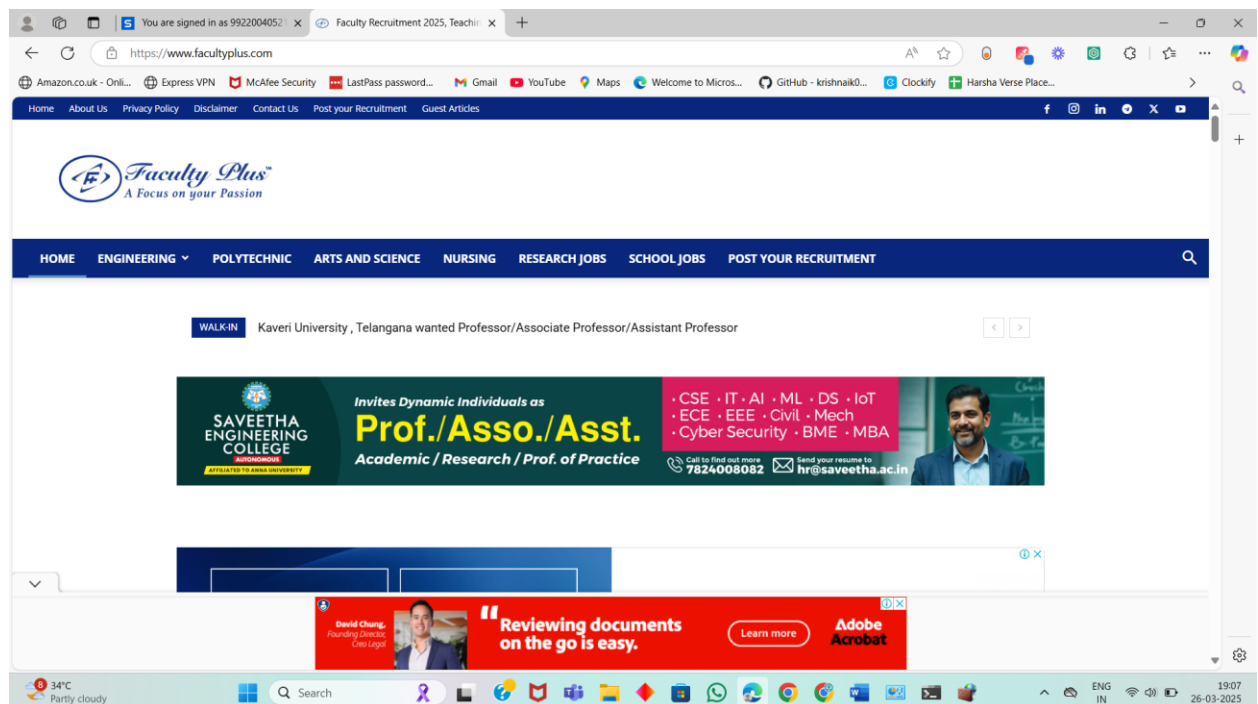
11. Click Next

## 12. Click These IP Address option



## 13. To know the target website of the IP address using command prompt

### Before block the website



```

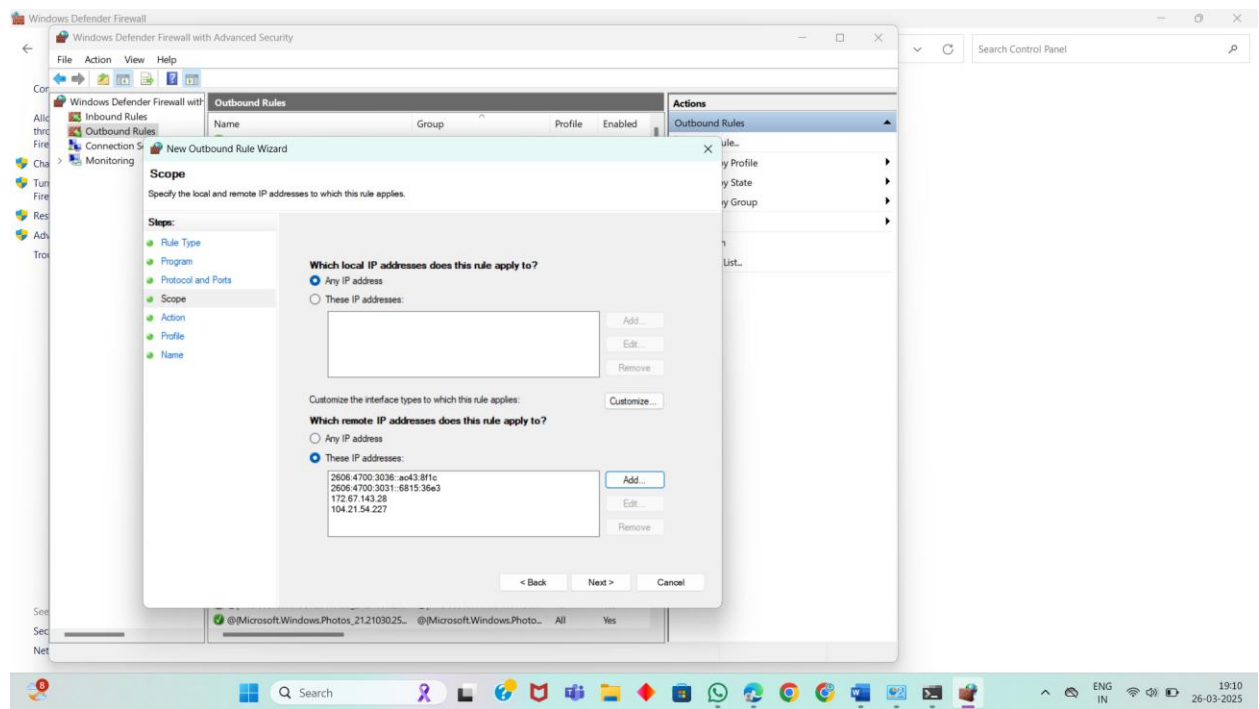
C:\Users\99220>nslookup www.facultyplus.com
Server:  UnKnown
Address:  172.16.103.254

Non-authoritative answer:
Name:     www.facultyplus.com
Addresses: 2606:4700:3036::ac43:8f1c
          2606:4700:3031::6815:36e3
          172.67.143.28
          104.21.54.227

```

14.

15. Add the above addresses in the address list

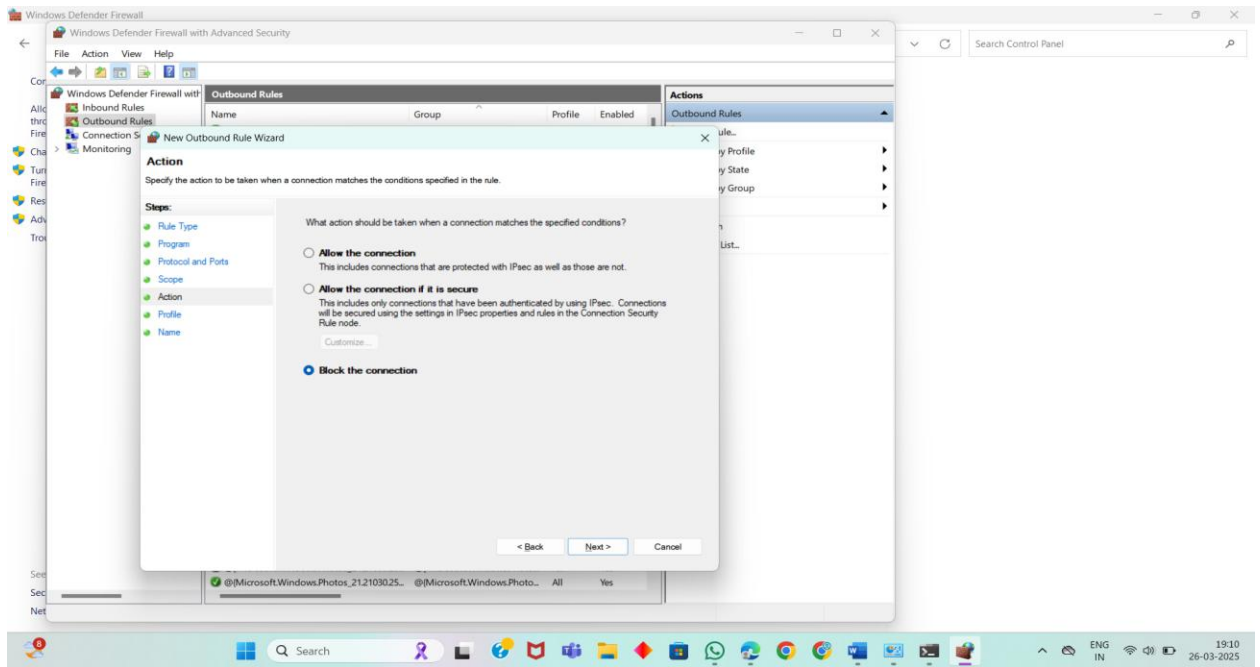


16.

17. Add the IPv6 &amp; IPv4 addresses one by one

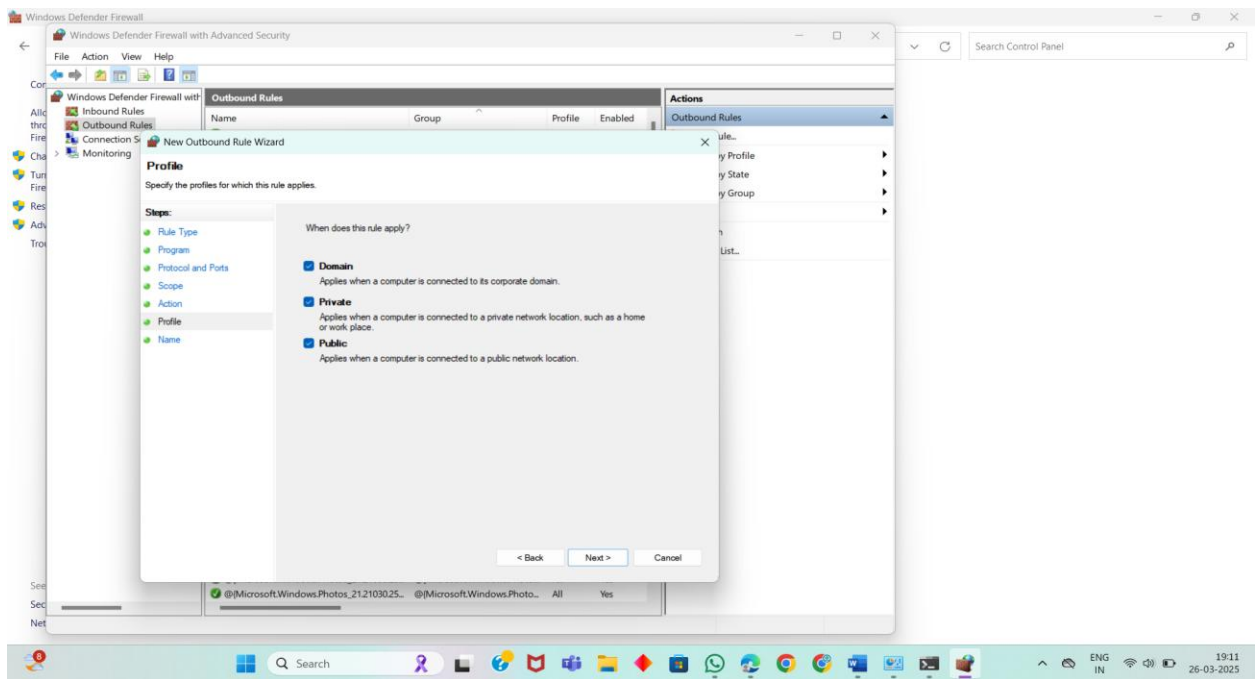
18. After adding all the IP address, click Next

19. Select the option "Block the Connection" and click Next



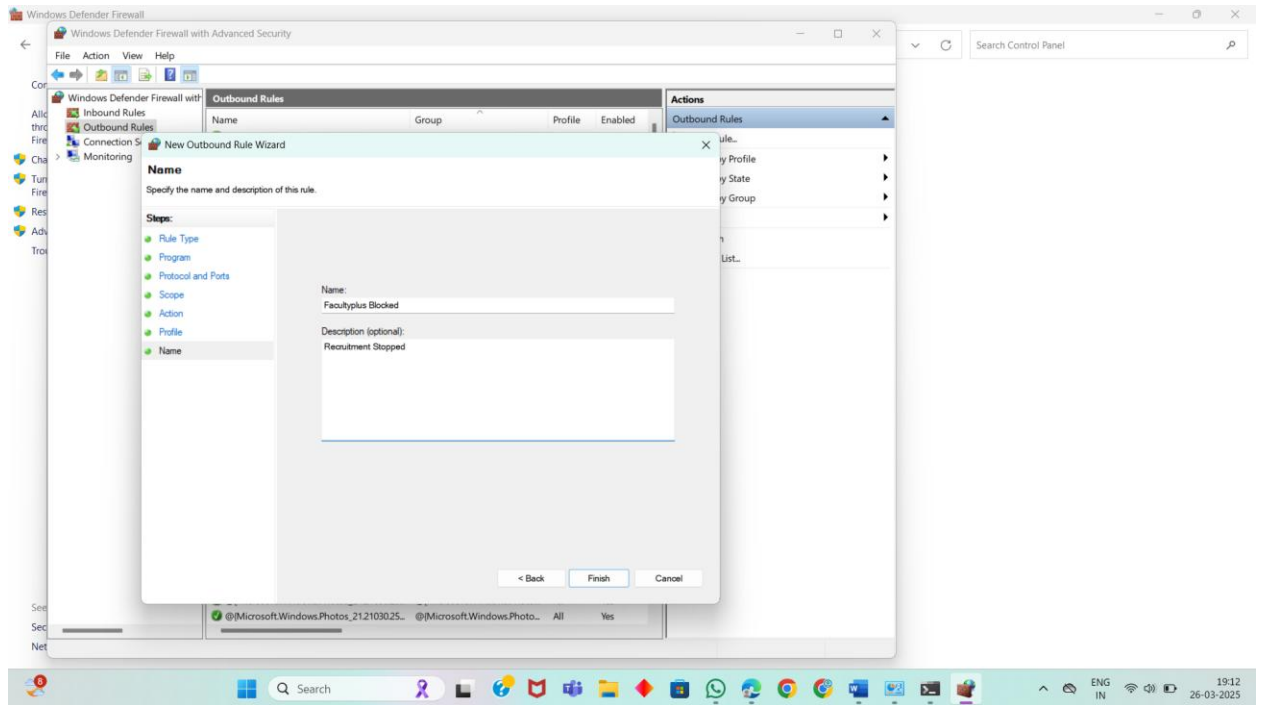
20.

21. Verify all the options are clicked (Public, Private, Domain)



22.

### 23. Type the Name and description

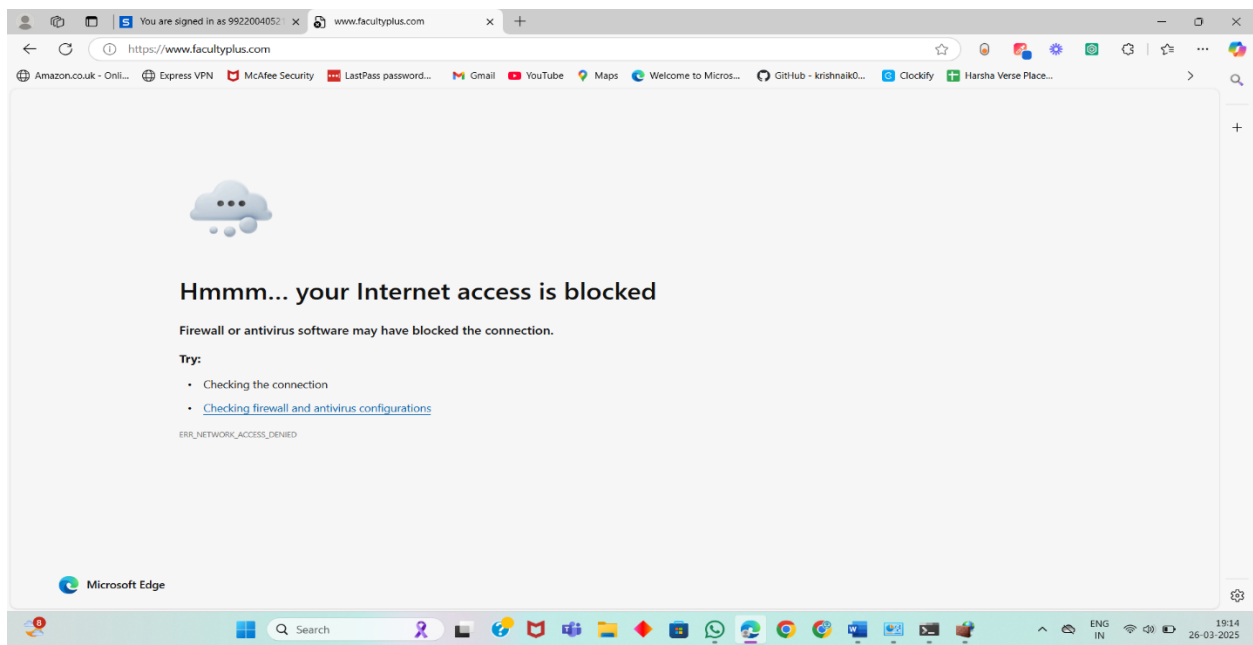


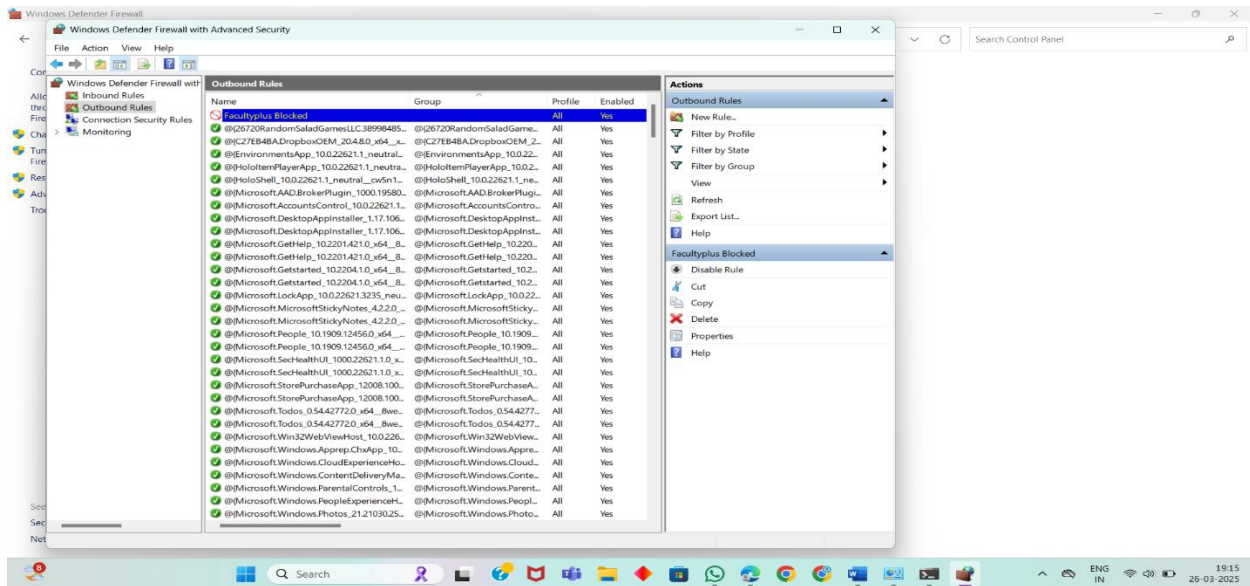
24.

### 25. Click Finish

### 26. Check the same website

### After block the website





Google Drive link of the packet tracer file (give view permission):

Link:

[https://drive.google.com/drive/folders/12uMOeOyWp4vZv9NEQcALvUjCWRIwAD8C?usp=drive\\_link](https://drive.google.com/drive/folders/12uMOeOyWp4vZv9NEQcALvUjCWRIwAD8C?usp=drive_link)

## CONCLUSION:

In this experiment, we configured a **firewall** to block access to specific websites, enhancing network security and access control. By defining firewall rules and using methods such as **URL filtering, domain blocking, or IP-based restrictions**, we successfully restricted unauthorized web access.