Ex no: 06 **WINDOWS FIRE WALL**

Date:

Aim:

To Explain the Installation Process of Windows Fire wall in our System.

Procedure:

Step1: Open the Control Panel on your Windows system. You can do this by searching for "Control Panel" in the Start menu or by right-clicking the Start button and selecting "Control Panel."

Step2: In the Control Panel, click on the "System and Security" option

Step3: Under the "System and Security" section, you will find the "Windows Firewall" option. Click on it to open the Windows Firewall settings

Step4: On the left side of the Windows Firewall window, you will see a list of options. Click on the "Turn Windows Firewall on or off" link

Step5: You will see options for turning the firewall on or off for different network profiles Domain network, Private network, and Public network. Choose the settings that suit your needs. For most users, it's recommended to keep the firewall turned on for all network types

Step6: After selecting your preferred settings, click the "OK" button to save the changes

Step7: In the Windows Firewall with Advanced Security window, you can create inbound rules to control traffic coming into your computer. To create a new inbound rule, right-click on "Inbound Rules" in the left pane and select "New Rule”

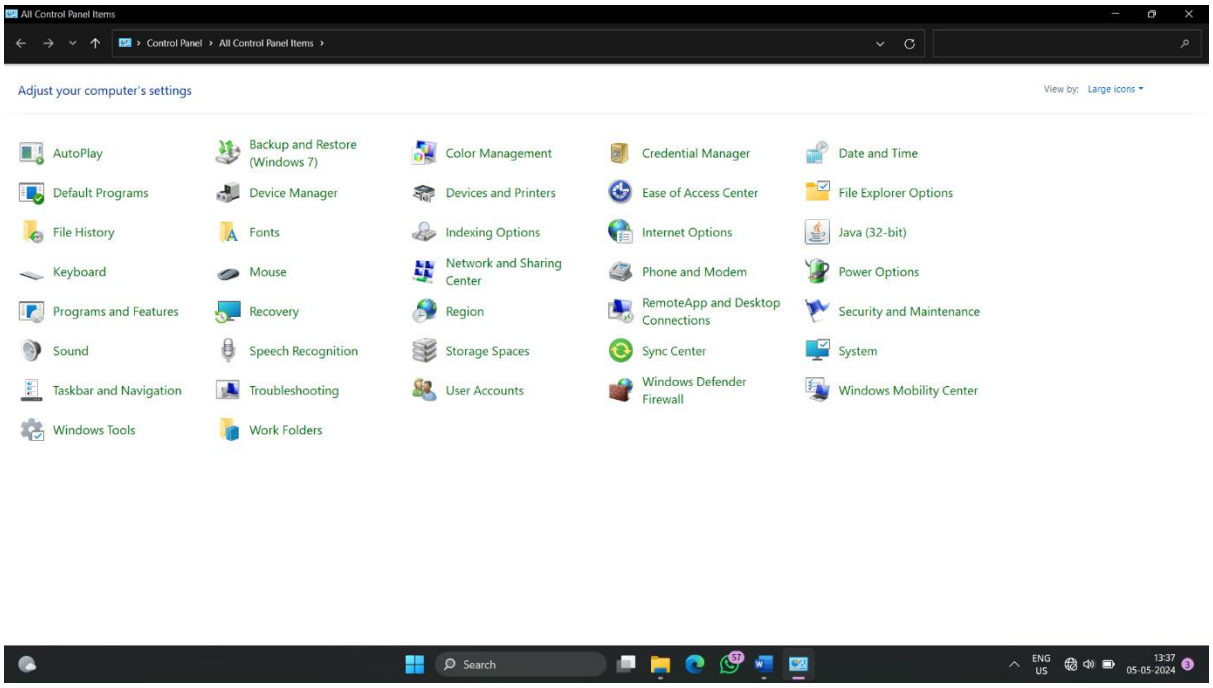
Step8: Similarly, you can create outbound rules to control traffic going out of your computer. Right-click on "Outbound Rules" in the left pane and select "New Rule" to create a new outbound rule

Step9: Follow the wizard to specify the type of rule you want to create (program, port, predefined, custom, etc.), the program or port number, and the action to take (allow or block)

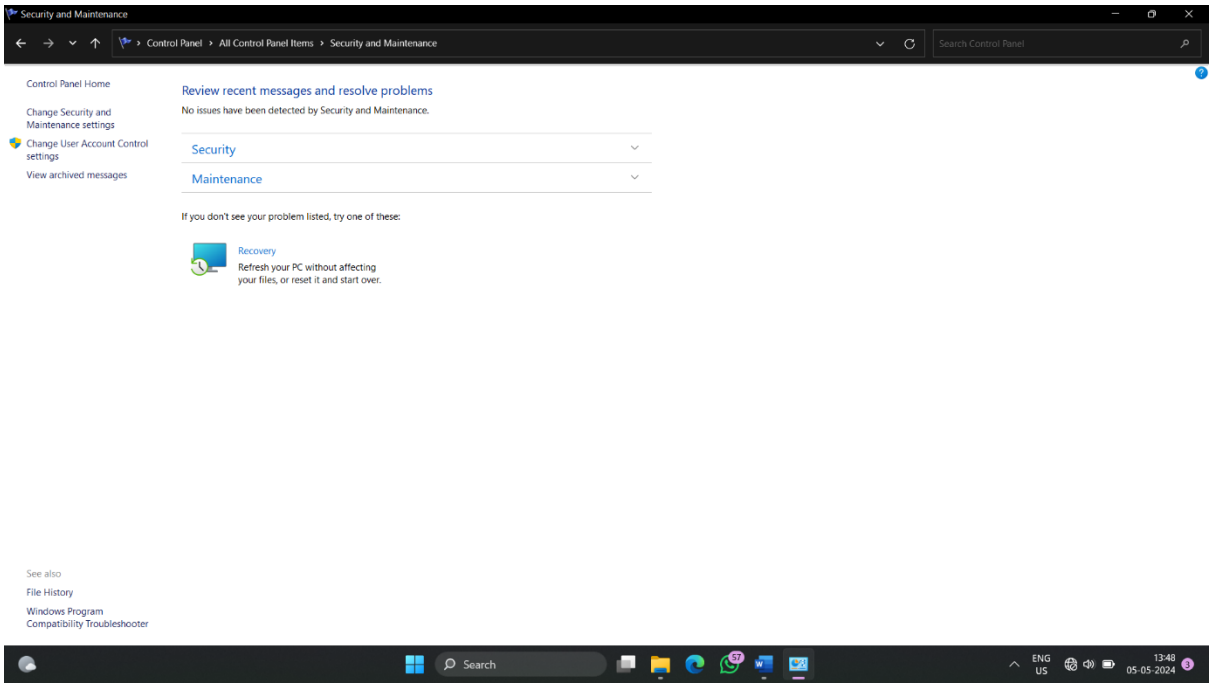
Step10: Give your rule a name and description to help you identify it later

Step11: Review your rule settings and click "Finish" to create the rule

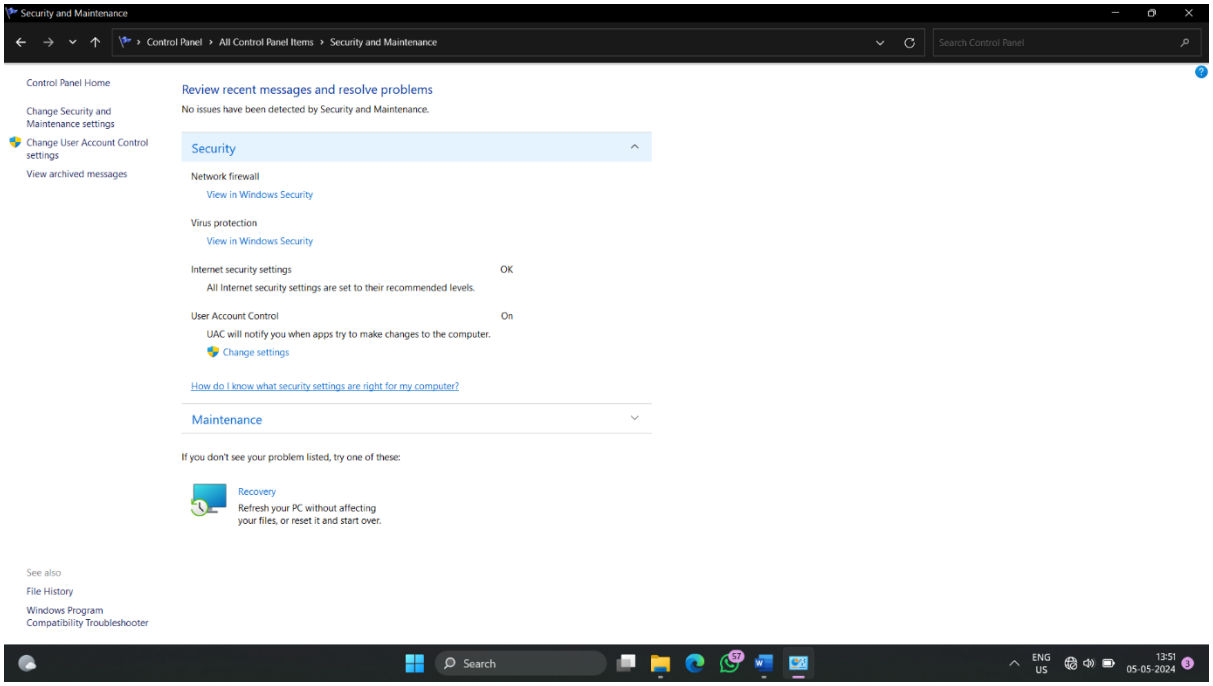
Screen Shot and Explanation:



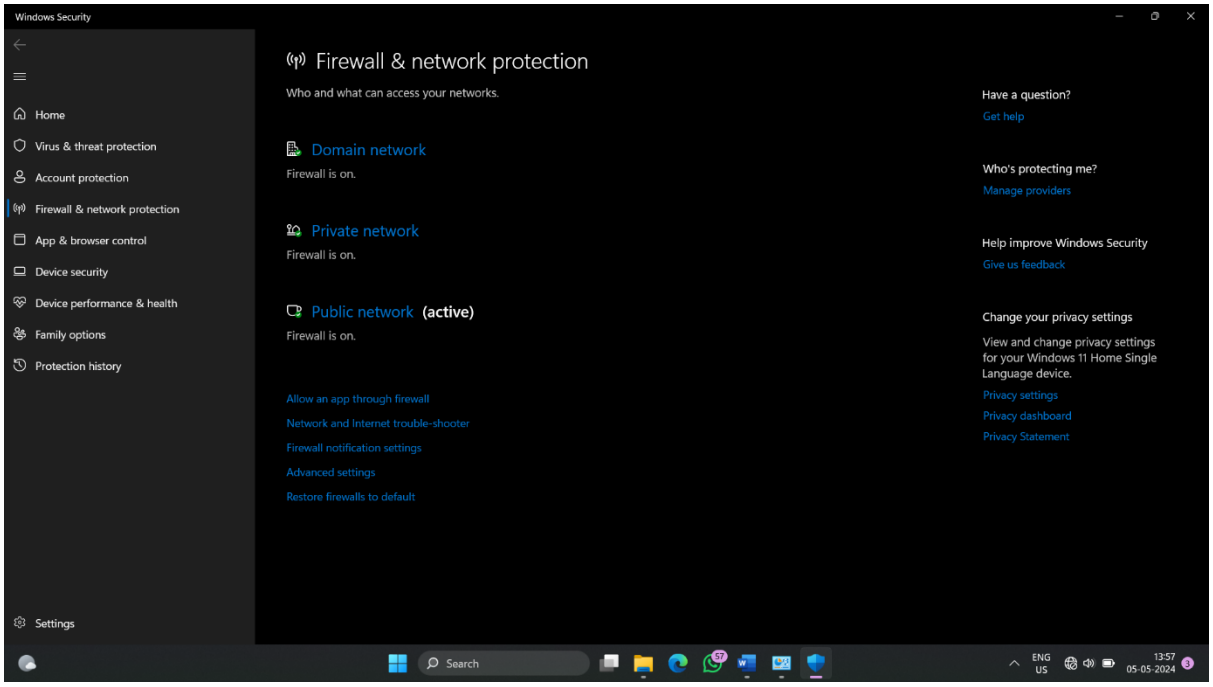
This is Control Pannel Windows Where You Can Find the System and security Option and you can proceed further steps.



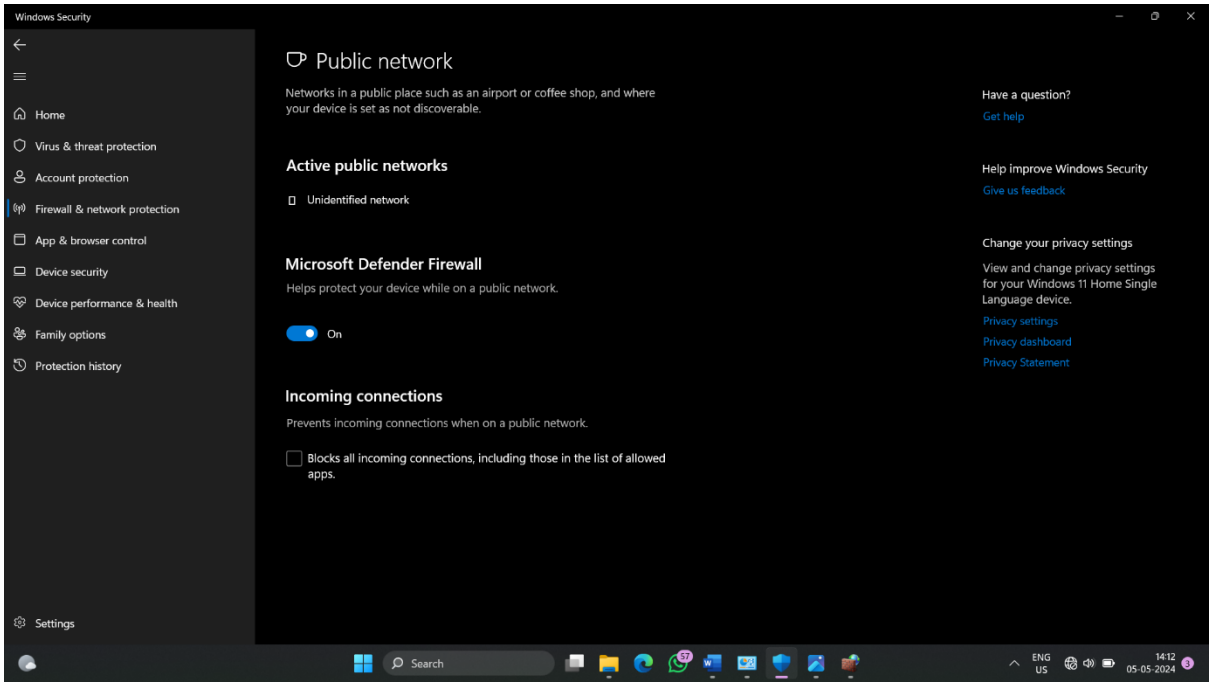
After Clicking on the System And Security Option you will able to see this Windows With these (Security and Maintenance) two as options.



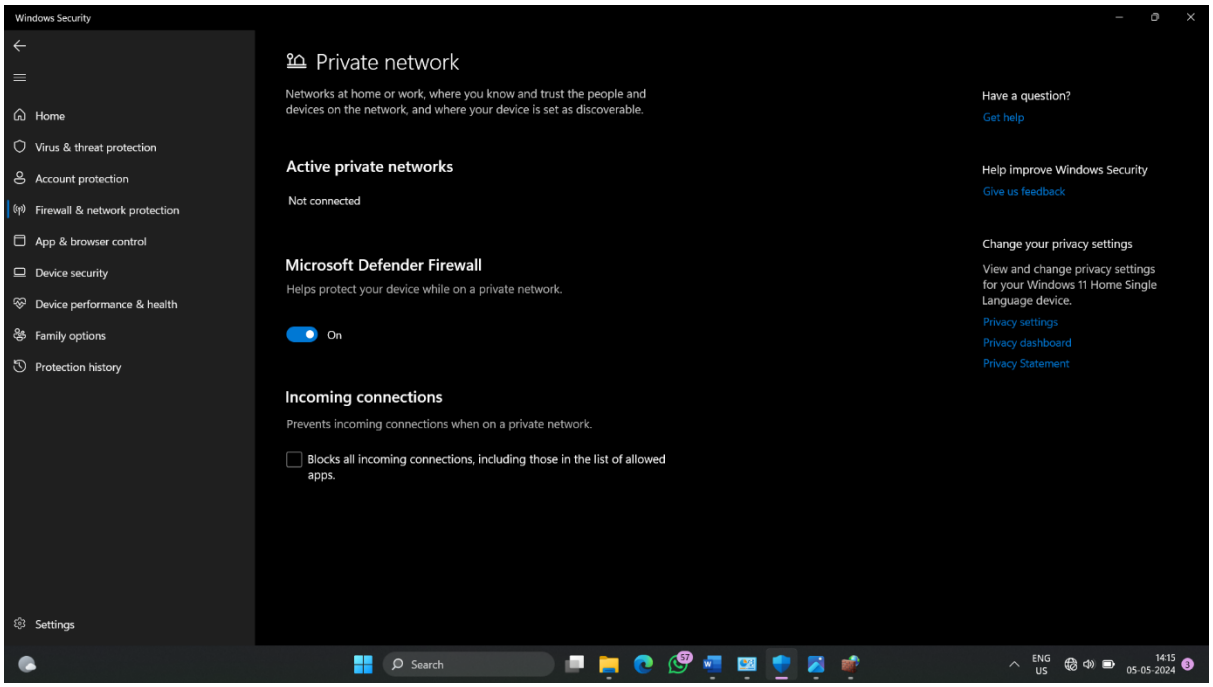
Select the Security option and you will able to see Network Firewall settings, turn that on setting.



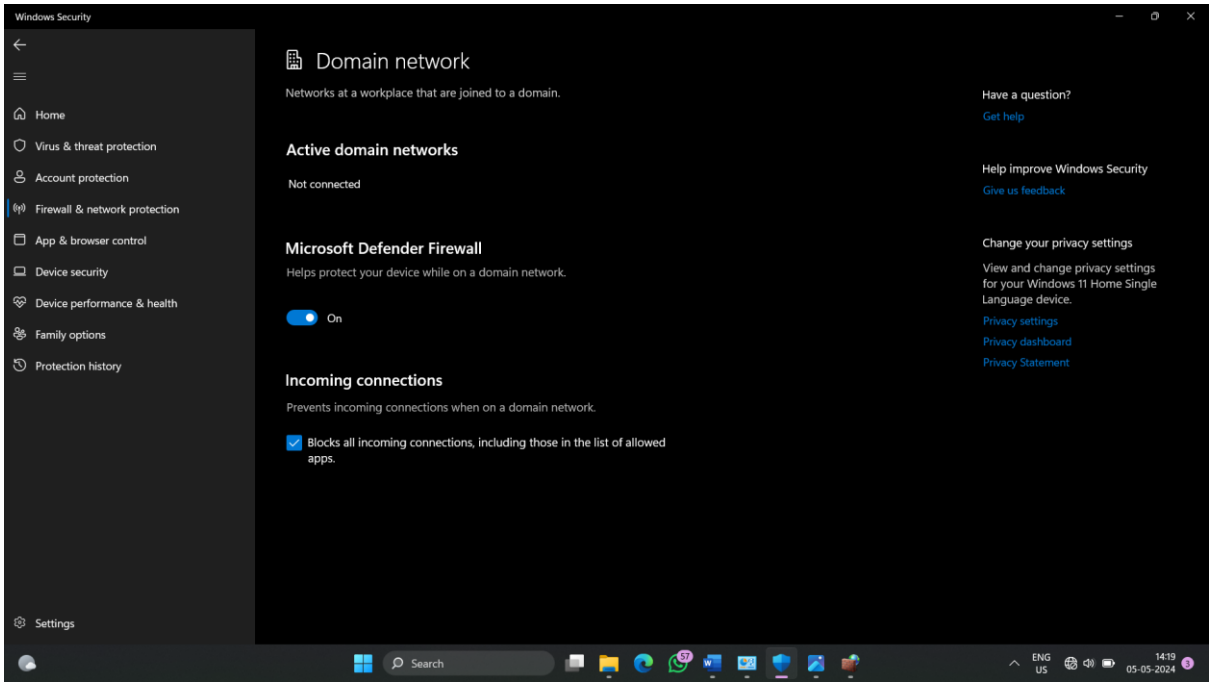
You will see options for turning the firewall on or off for different network profiles Domain network, Private network, and Public network. Choose the settings that suit your needs. For most users, it's recommended to keep the firewall turned on for all network types.



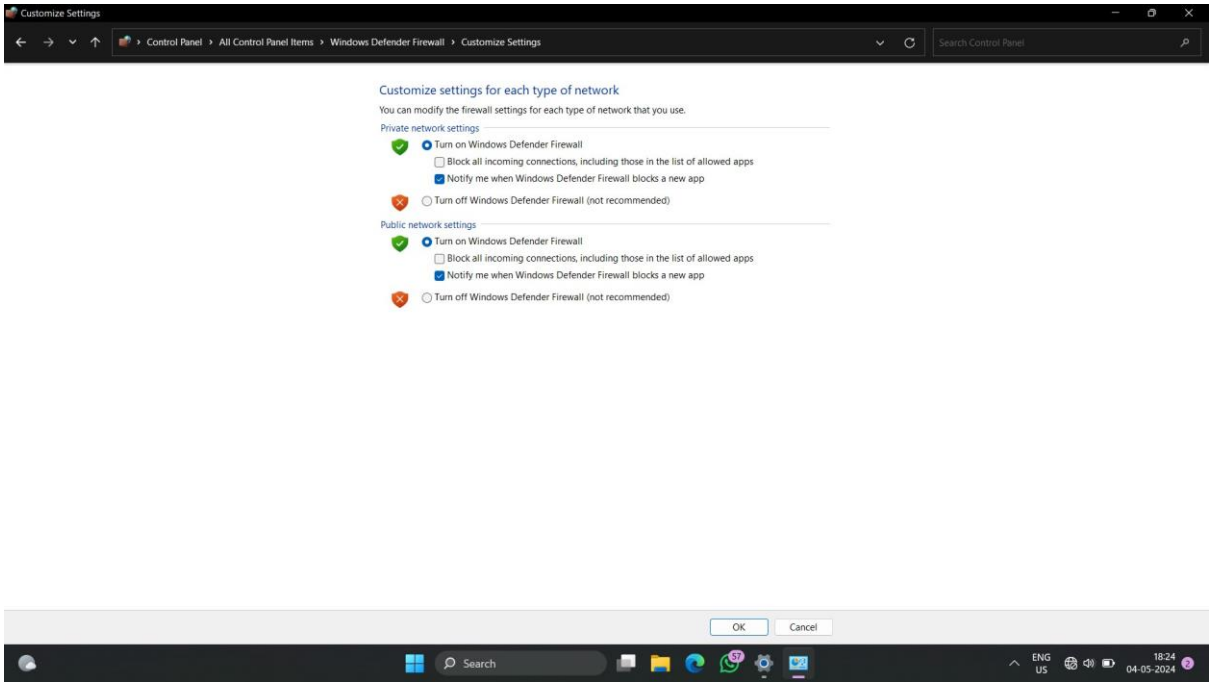
Public Network Protects Your System in a public place such as an airport or coffeshop and where your device is set as not discoverable.



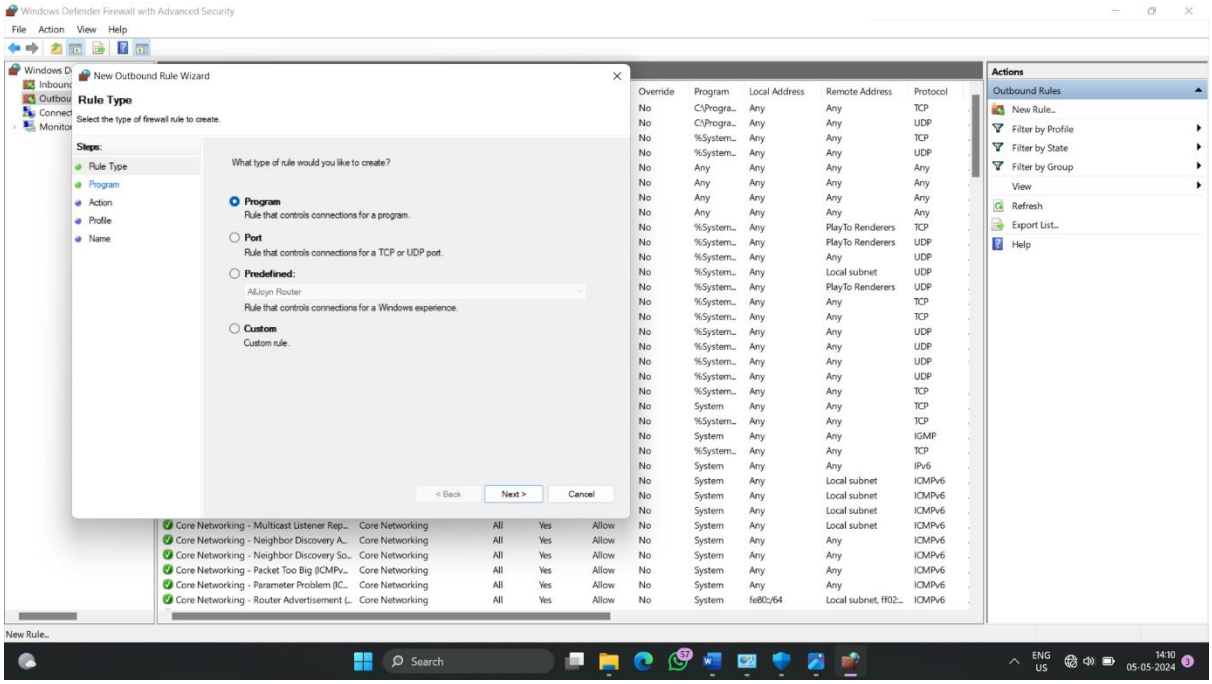
Private network is used to protect from your system while you connected network at home or work where you know and trust the people and devices on the network and where your device is set as discoverable.



Domain network is used protect your system when you connected to network at a workplace that are joined to a domain.



You can even customize your settings for each networks (Public network and private network) There is a options which u can choose according to your system.



In the Windows Firewall with Advanced Security window, you can create inbound rules to control traffic coming into your computer. To create a new inbound rule, right-click on "Inbound Rules" in the left pane and select "New Rule".

Result:

Thus the installation of windows firewall and settings has been updated successfully.