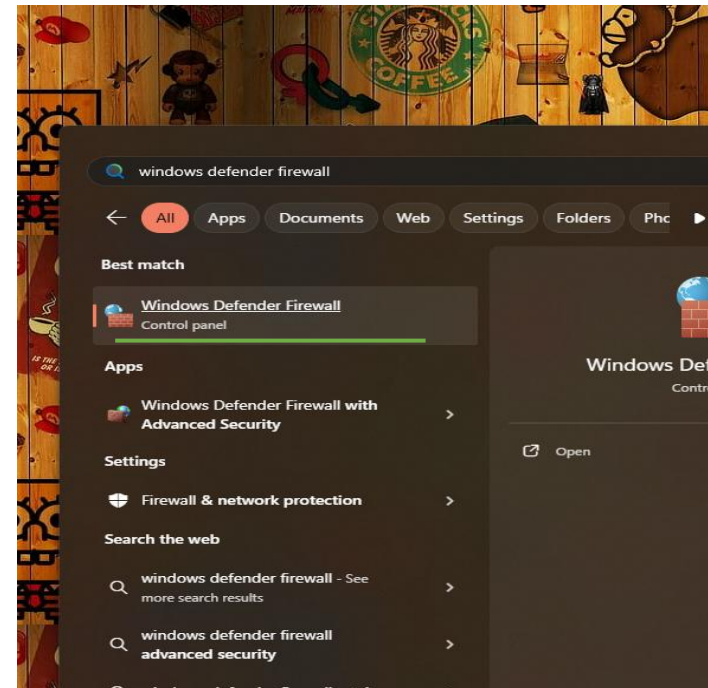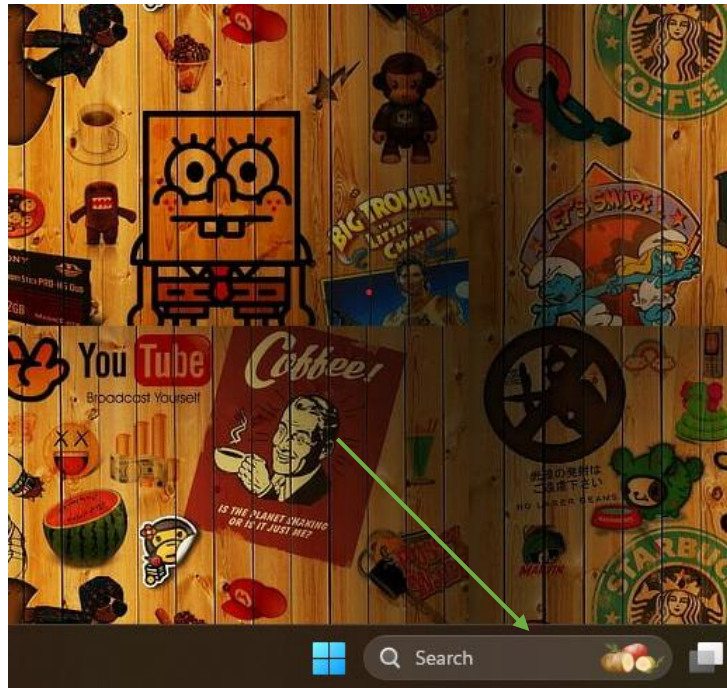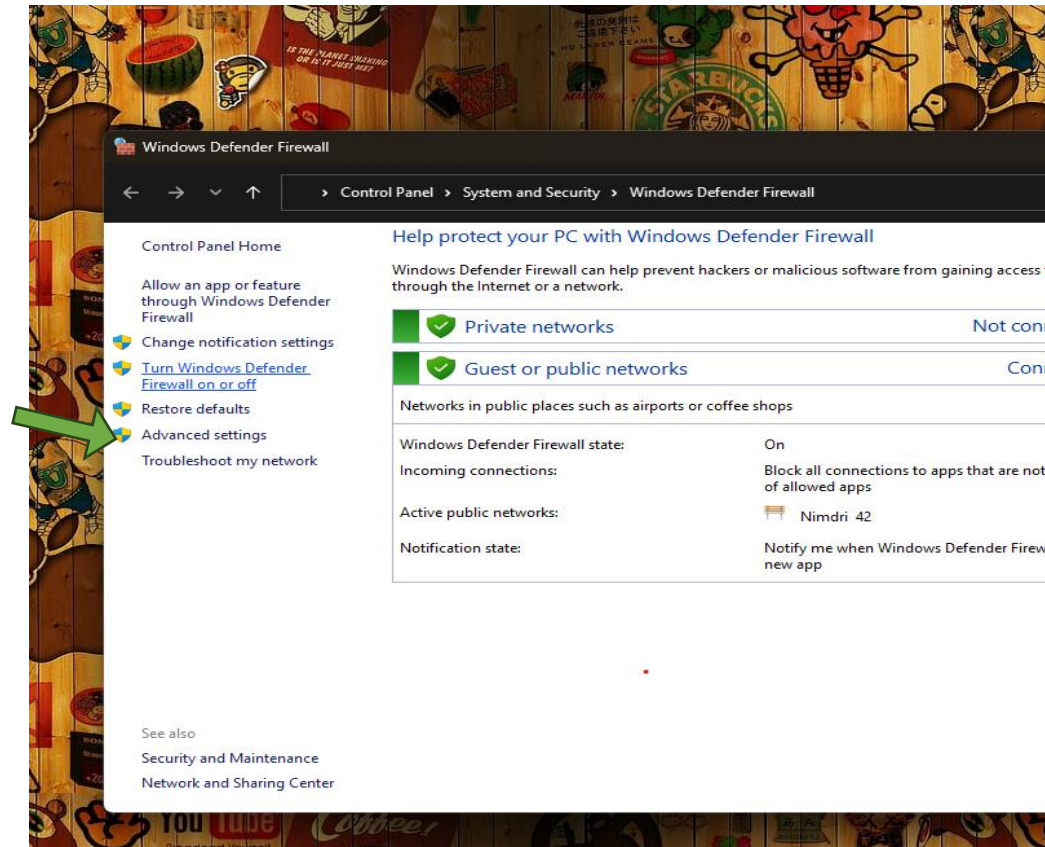# TASK 4: Setup and use a firewall on Windows

In windows machine there are certain steps to follow:

STEP1: Search for Windows defender Firewall and open it.

STEP2: select the advanced settings in windows defender firewall which is on the side of the pannel.

After selecting advanced setting ,we'll see "inbound Rules" and "Outbound Rules " on the top left pane.

STEP3: Now Right click "Inbound Rules" and select " New Rule"
- Choose "Port" and click "Next"
- Select "Tcp", specify "Specific local ports" and enter 23. Click"Next"
- Select "Block the connection." Click "Next."
- Choose where the rule applies(eg., domain,private, public,- we'd apply to all for block) click "Next ."
- Give the Rule name.
➢ The machine did not allowed me to take screenshot

STEP4: Testing the rule by attempting to connect to that port
 locally or remotely.
- Locally (on Windows): Open command prompt and install telnet client, it will ask for restart after installation "

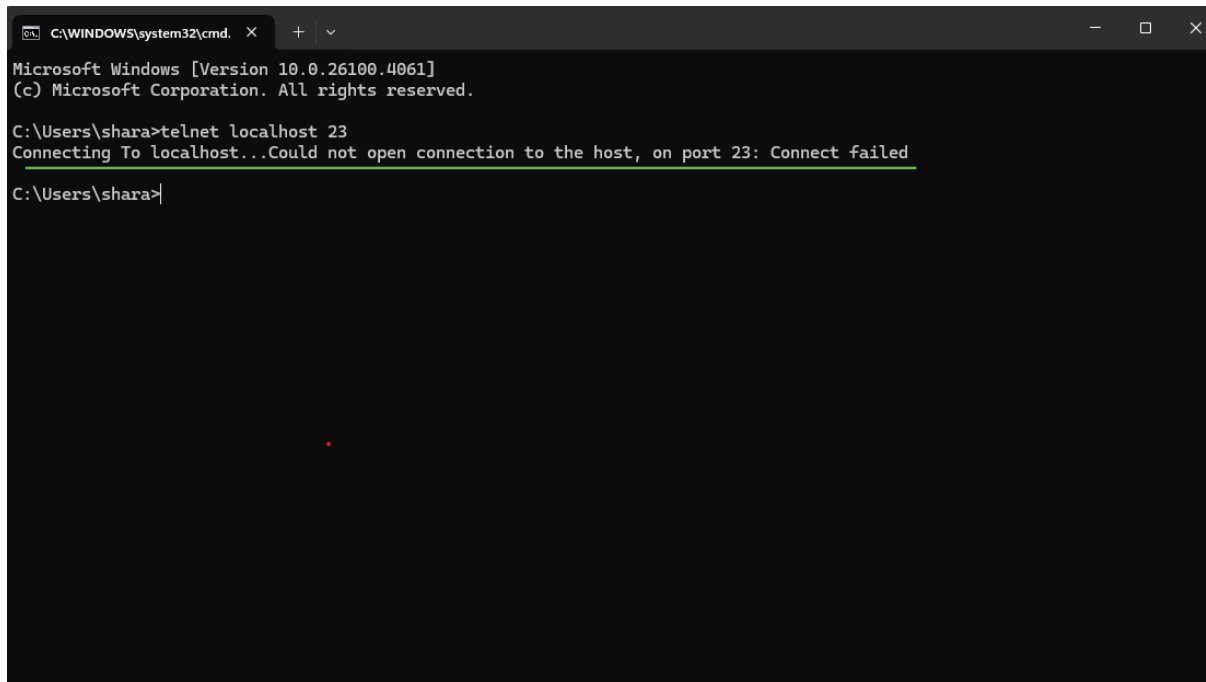STEP5:Enable it via "Turn Windows feature on or off" by following these steps
- Open control Panel from the search bar , select programs from the panel
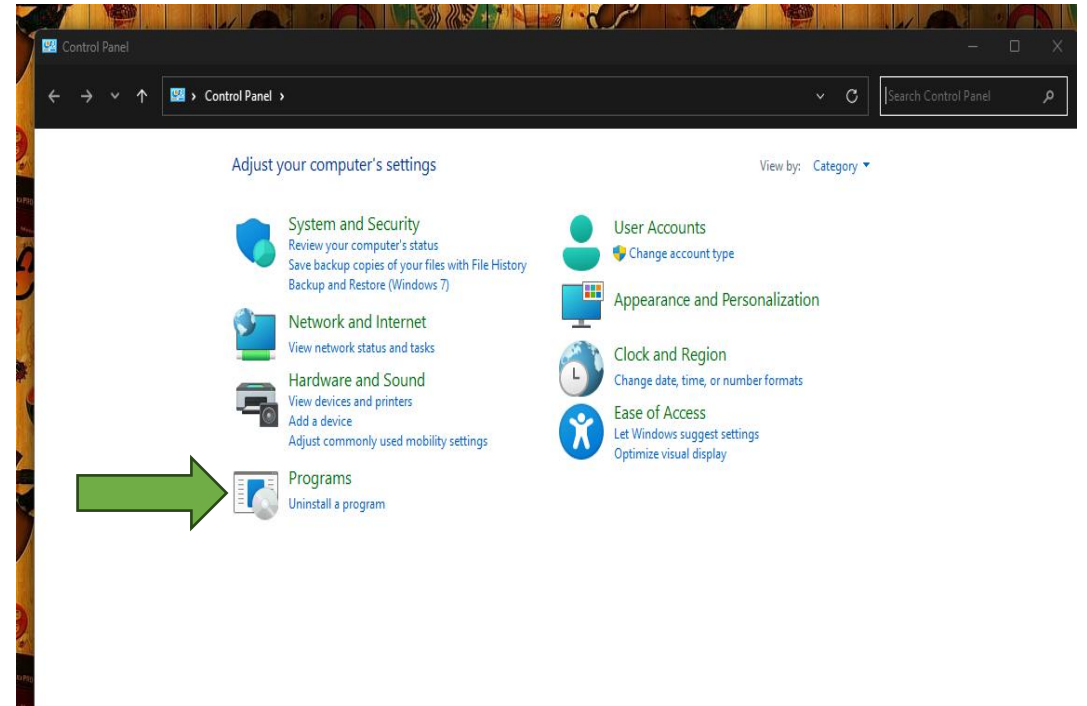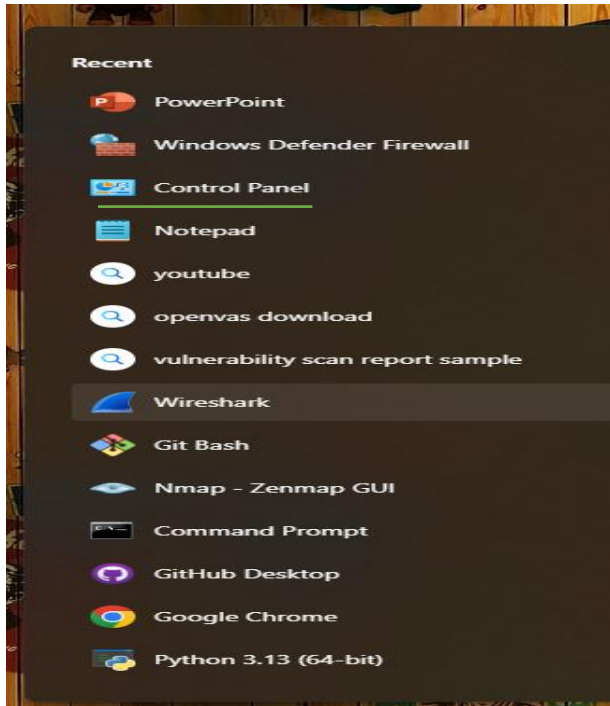
- Select programs and features a new tab will open next select "Turn windows features on or off ."
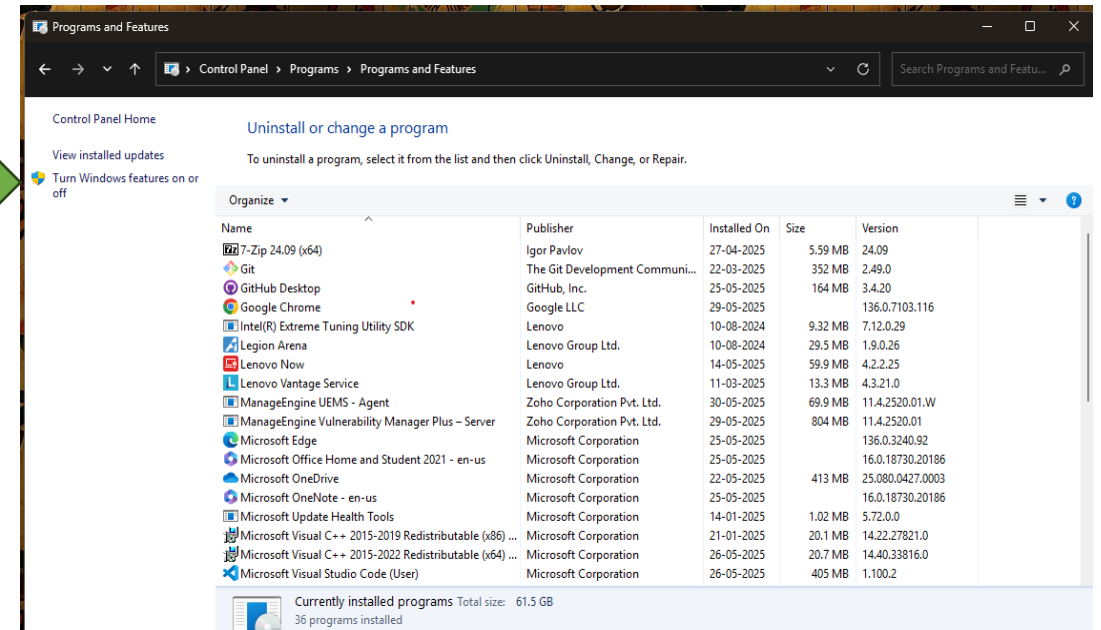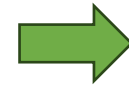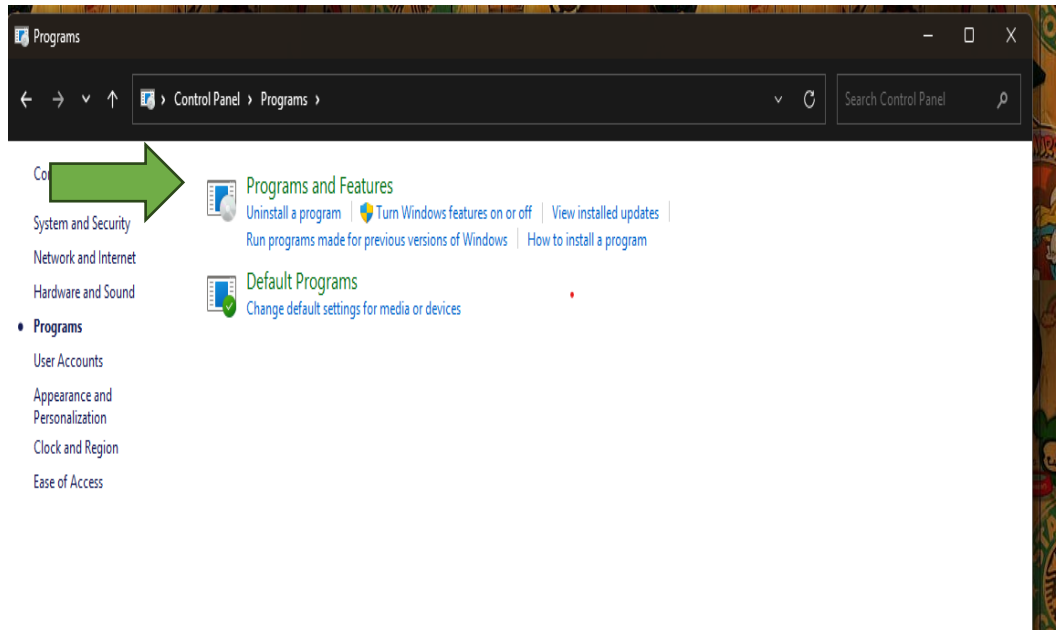
- Upon clicking the "Turn windows features on or off ." A new dialogue box will open
- Scroll down until you find telnet and "tick the box beside telnet ." press finish.

- STEP6: To check connecting telnet ,Open command prompt in your device and type "telnet local host 23 ." It should return could not open , now your telnet has been successfully blocked

STEP7: After confirming the blockage of Rule , Now its time to remove the test block rule to restore the original state
1. Go back to "Windows Defender firewall with advanced Security ."
2. On the left pane ,click on "Inbound Rules ."
3. Find the Rule you created to block telnet.
4. Right click on that Rule select "Delete ."
5. confirm the deletion .