Instructions

The web development team has completed the initial development of their new web application and would like to get it up and running on their server. They have requested to be able to access the **/development/website** directory through their Windows desktops via a shared drive.

They would also like the Apache web service to look for files within this directory, starting with the "Under Construction" page created previously.

They will also need to be able to access the system via SSH to manage services. Be sure to only allow necessary services through the firewall and configure network settings.

Once complete, please test the file share and web site connections.

HINTS: You can reuse the network settings set by DHCP. You may need to install the Network Manager Tool. Disable SeLinux security for the services to work properly.
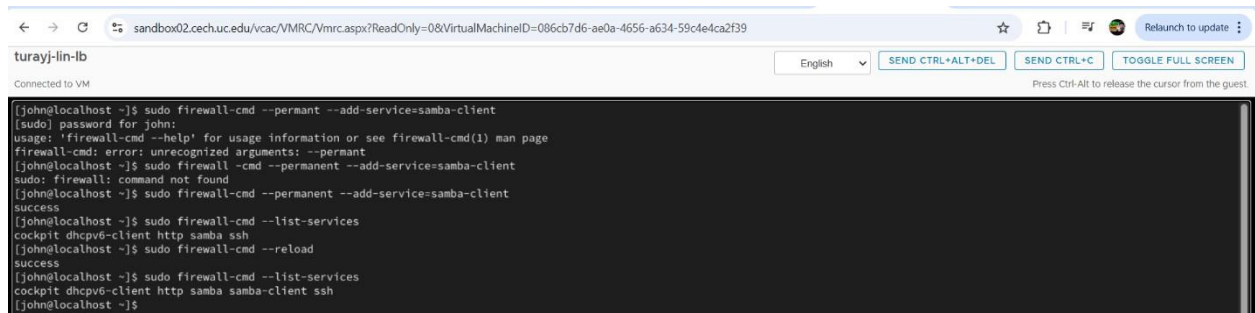
Screenshots

Paste the required screen shots under each description.

1. Paste a screen shot showing the manually set network settings in the Network Manager TUI
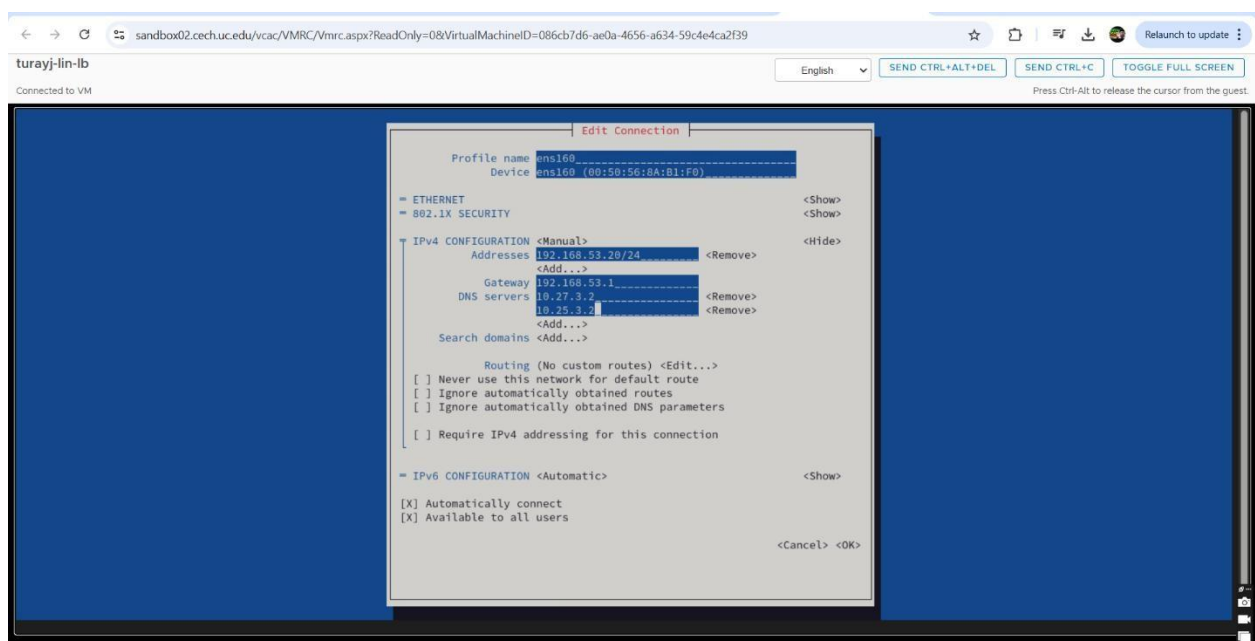
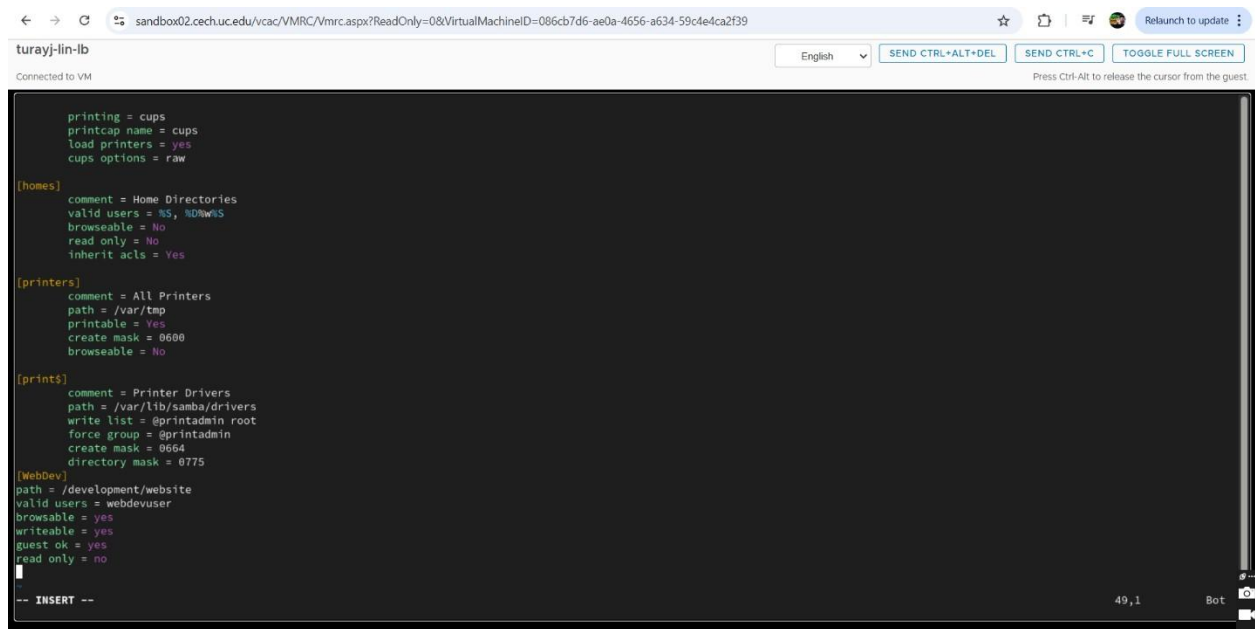2. Paste a screen shot showing the allowed services through the Firewall

3. Paste a screen shot showing the Samba configuration settings

4. Paste a screen shot showing a web dev user accessing the shared folder through the Windows File Explorer
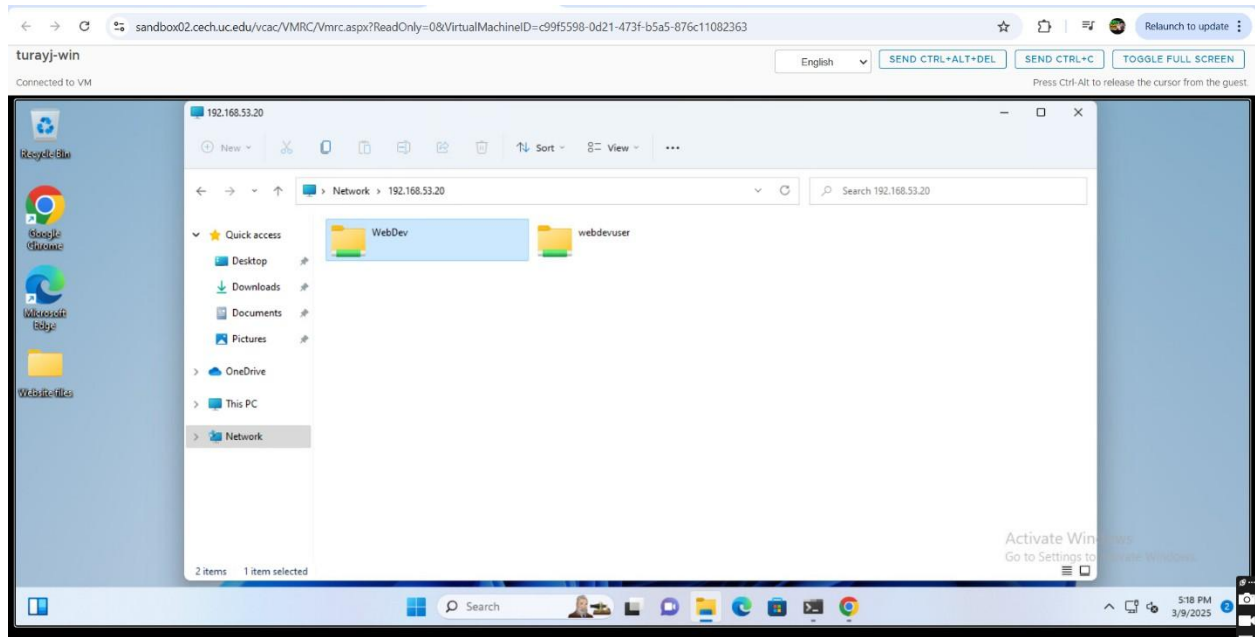
5. Paste a screen shot showing the "Under Construction" web page in a web browser from your Windows 11 VM. (Must use http://)
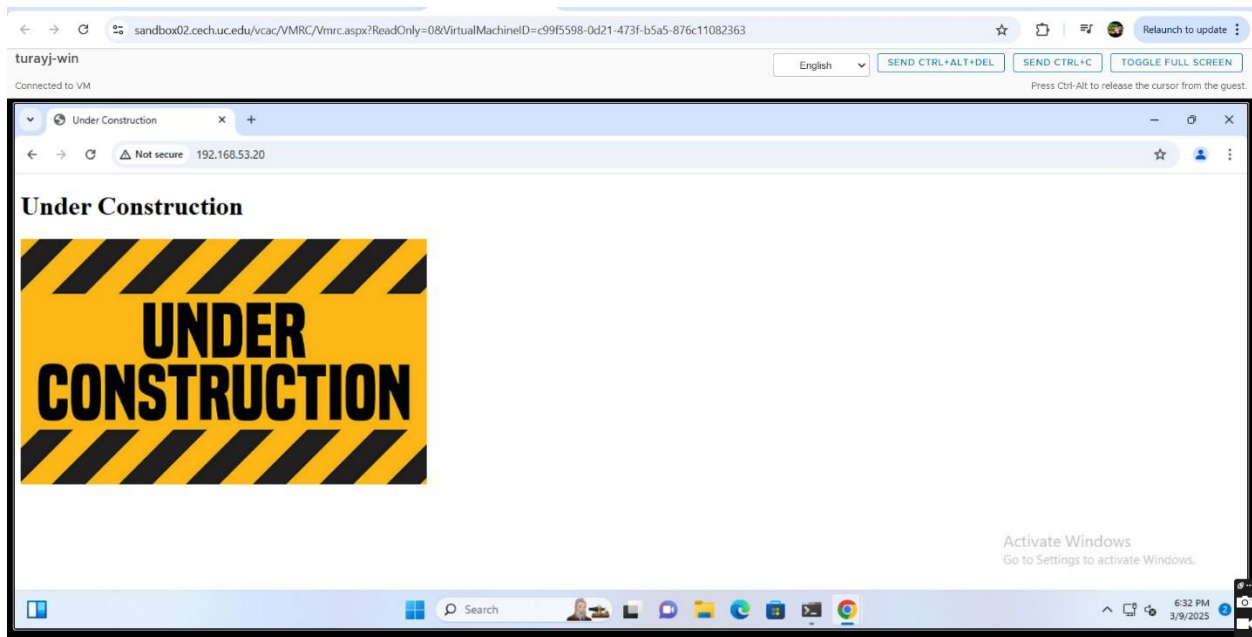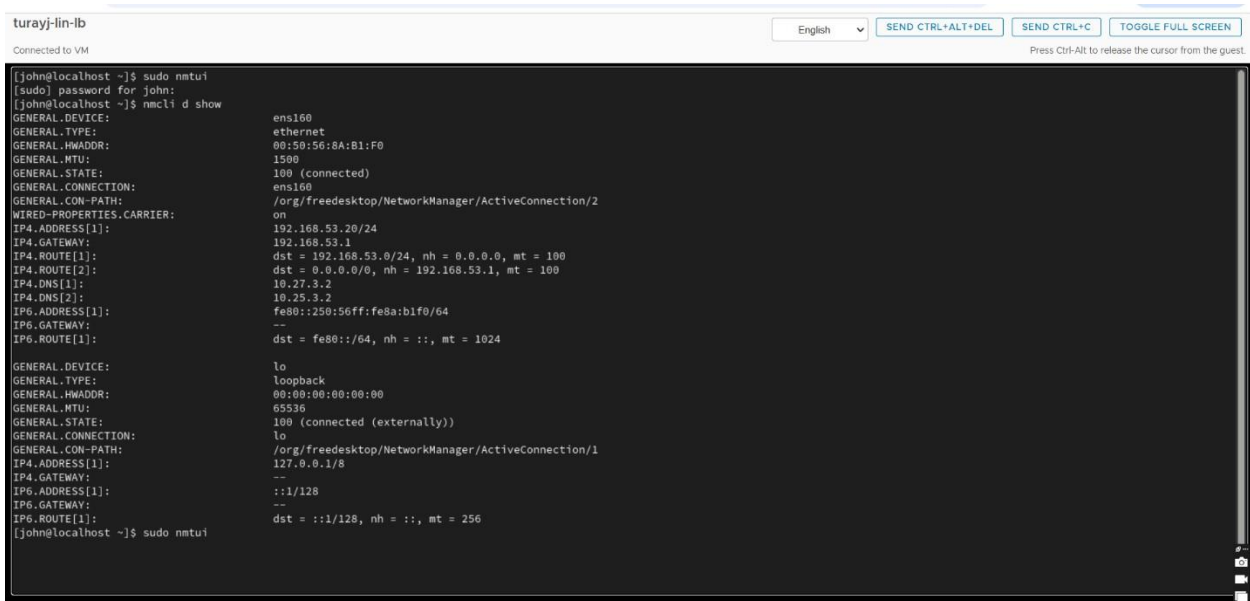

Documentation

Record and explain all the steps you took to complete the task. Include any commands used, screen shots showing GUI interfaces, or any other information that would help you recreate the task.

Note: You will be allowed to use this documentation to help you complete future assignments.

First I started by running the command "nmtui" to show my network settings:

Then I opened the network manager and Manually entered the correct network settings:
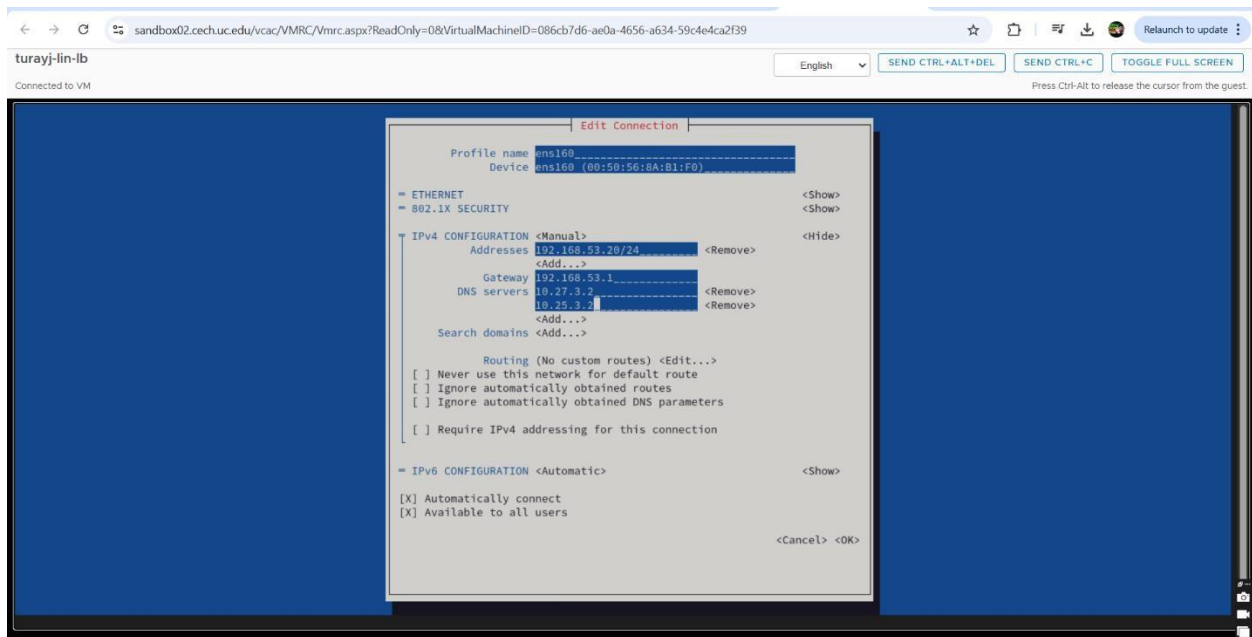
Then I installed all services/updates for the allowed services through the firewall:

Lab 7 – Linux Network Services Systems
Administration

Then I checked if the services were all enabled:

Then I created the /development/website directory, then set permissions for the directory, then I created the webdev user and the passwd for the webdev user:

Then I went to edit the samba file by running the command sudo vi/etc/samba/smb.conf:

Then I switched over to my windows 11 vm and opened my file explorer, and then I entered my ip address, aswell as my webdev user credentials to access the shared folders:
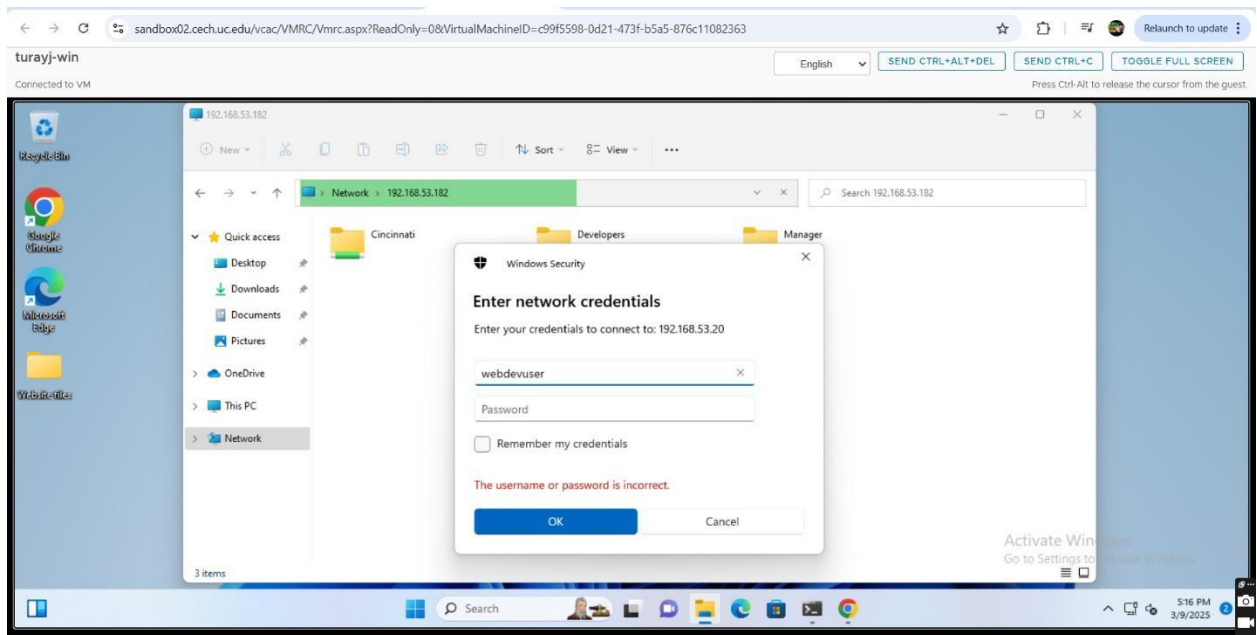
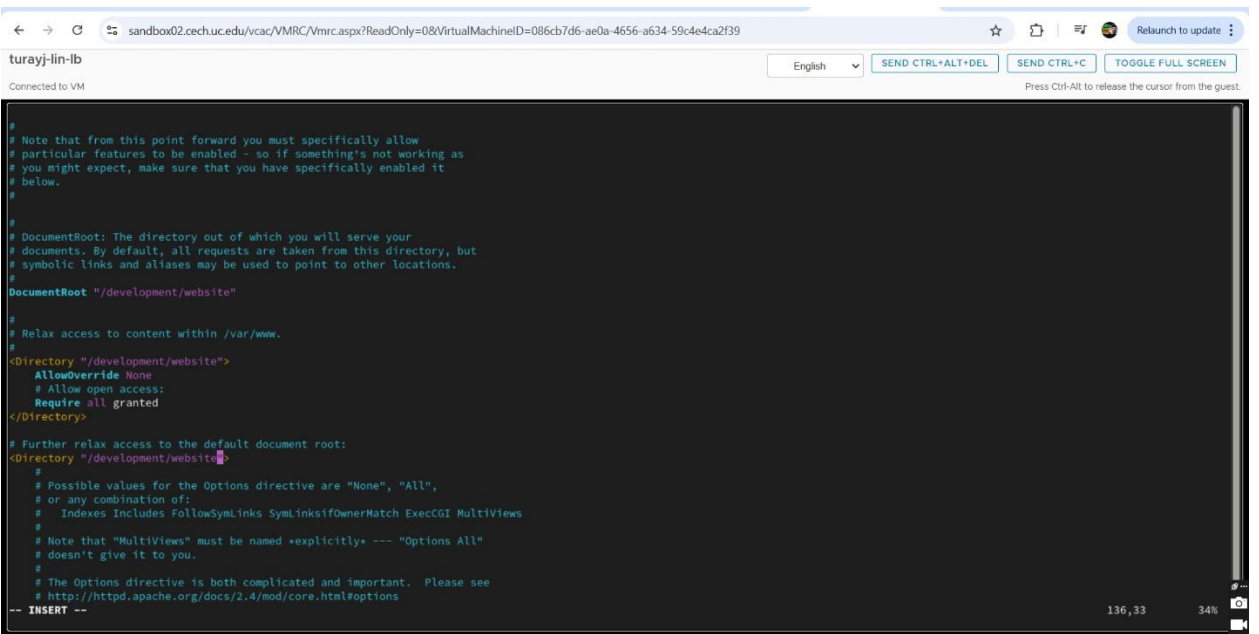Lab 7 – Linux Network Services Systems
Administration
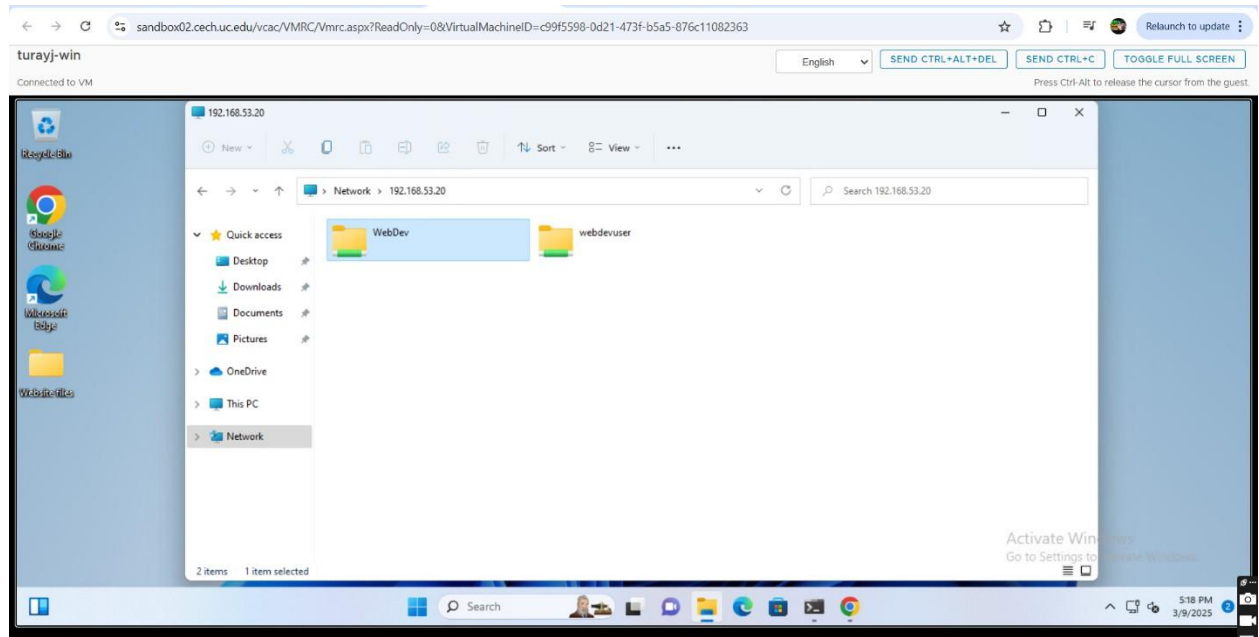
Then I configured the Apache file:

Then I went on to disable setenforce and edit the index.html file:

Then I went back on to my windows 11 vm and opened a browser and put my vm ip address into the search bar: