IT4090
Cloud Computing
4th Year, 1st Semester

Azure Lab 1

Practical Session

Submitted to

Sri Lanka Institute of Information Technology

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1. Create virtual machine

Figure 1. 1: Select subscription and create virtual machine name

Figure 1. 2: Select necessary instance details

Figure 1. 3: Choose proper image and size according to region

Figure 1. 4: Select SSH public key and create a username

Figure 1. 5: SSH public key source with key pair name

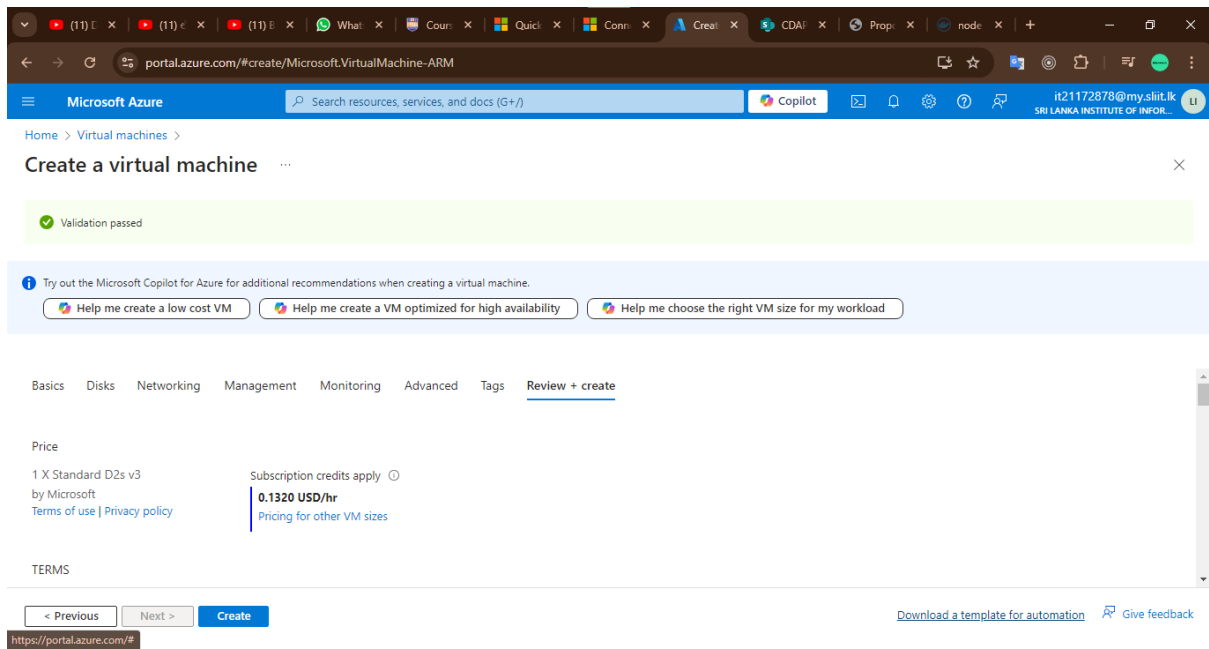Figure 1. 6: Choose Allow selected ports and then select SSH (22) and HTTP (80)

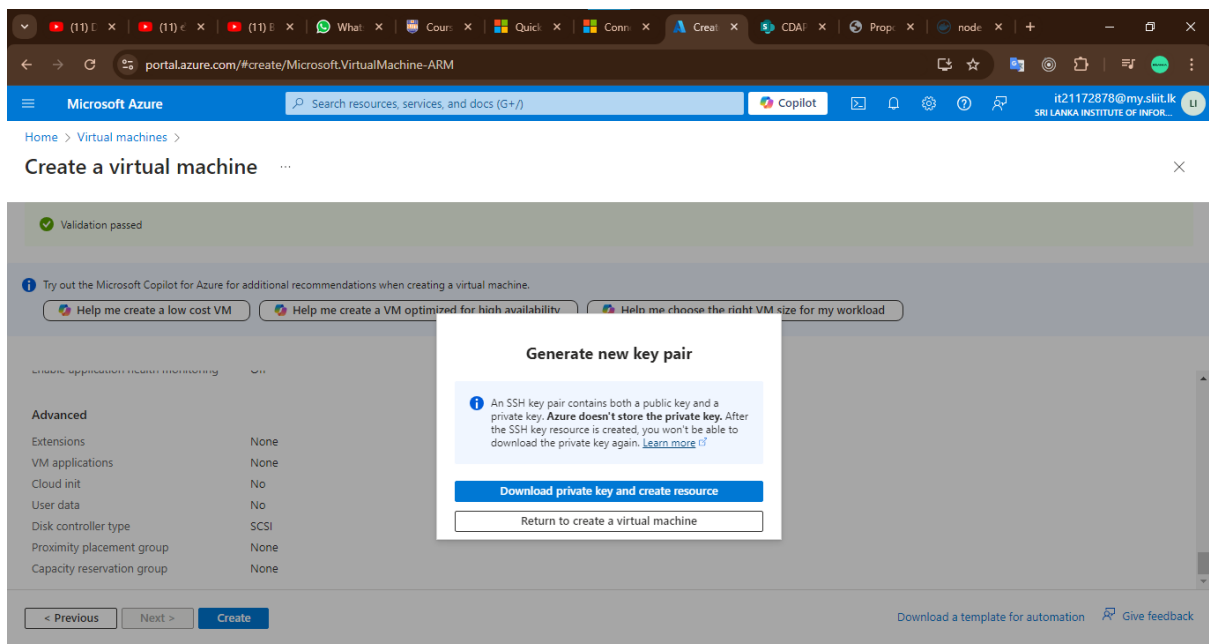Figure 1. 7: My virtual machine details

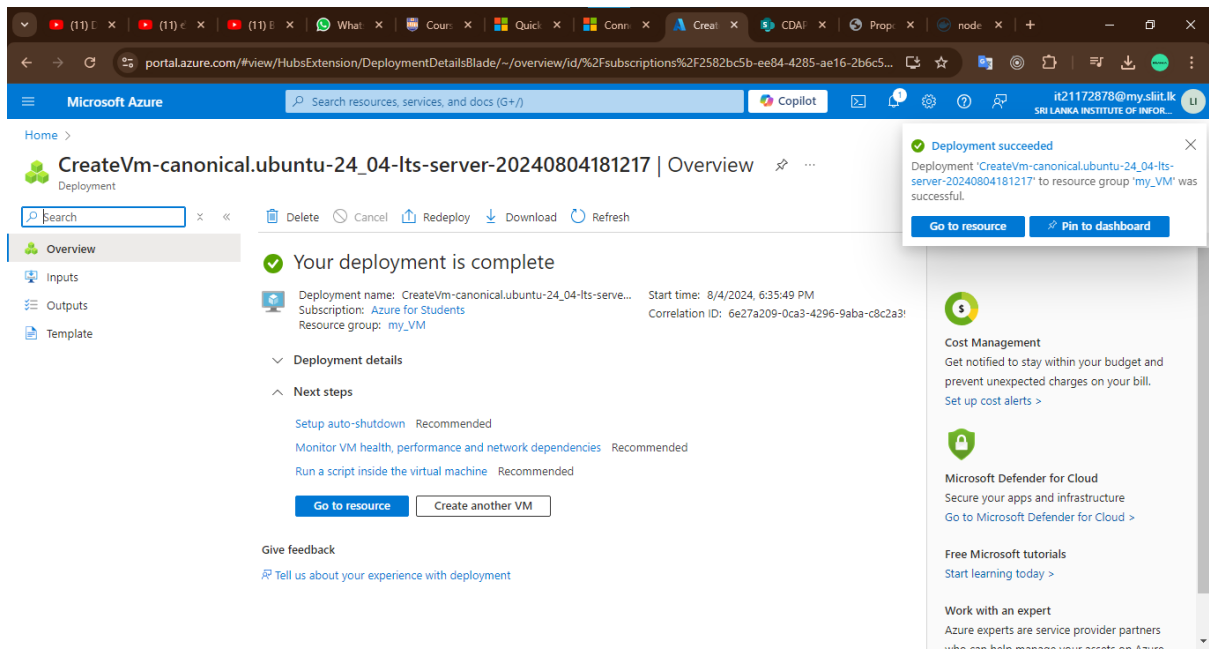Figure 1. 8: Generate new key pair and download .pem file
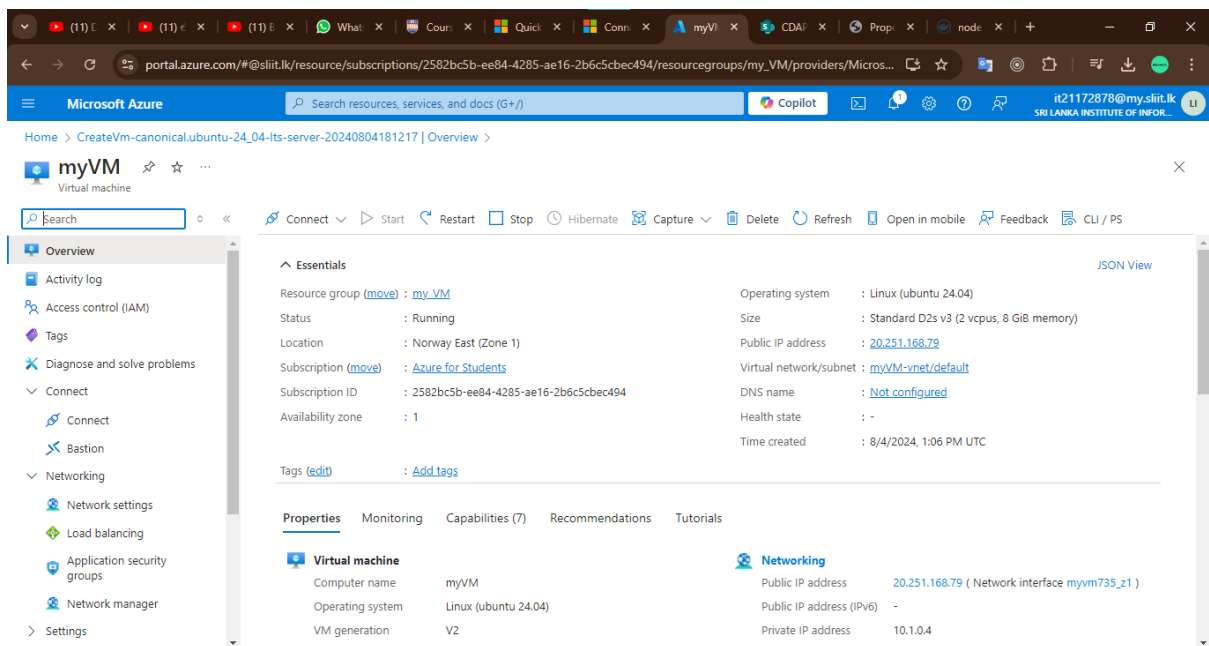
Figure 1. 9: Go to resource

Figure 1. 10: My virtual machine overview

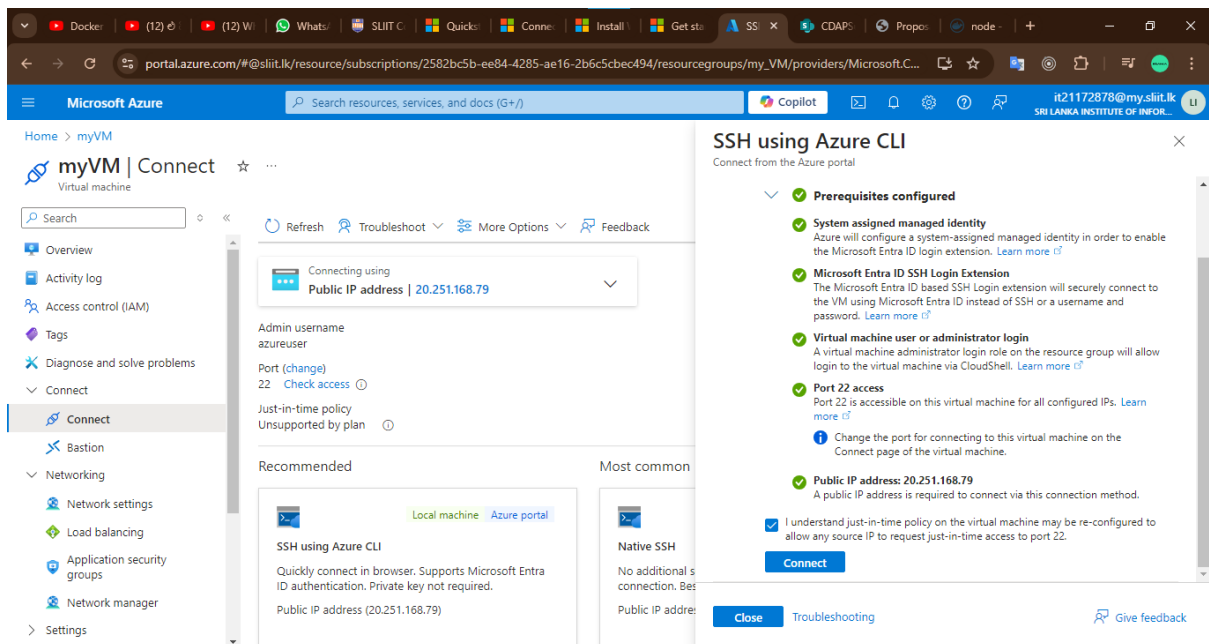## 2. Connect to virtual machine

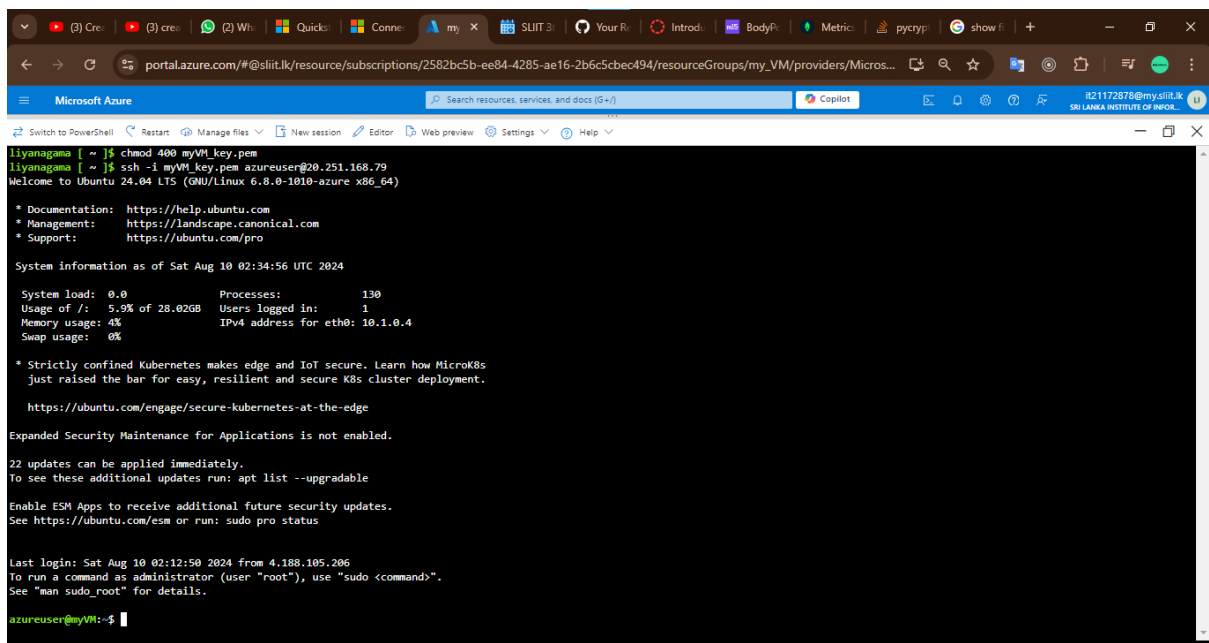Figure 2. 1: Create SSH connection

Figure 2. 2: Replace the IP address with the path to the .pem
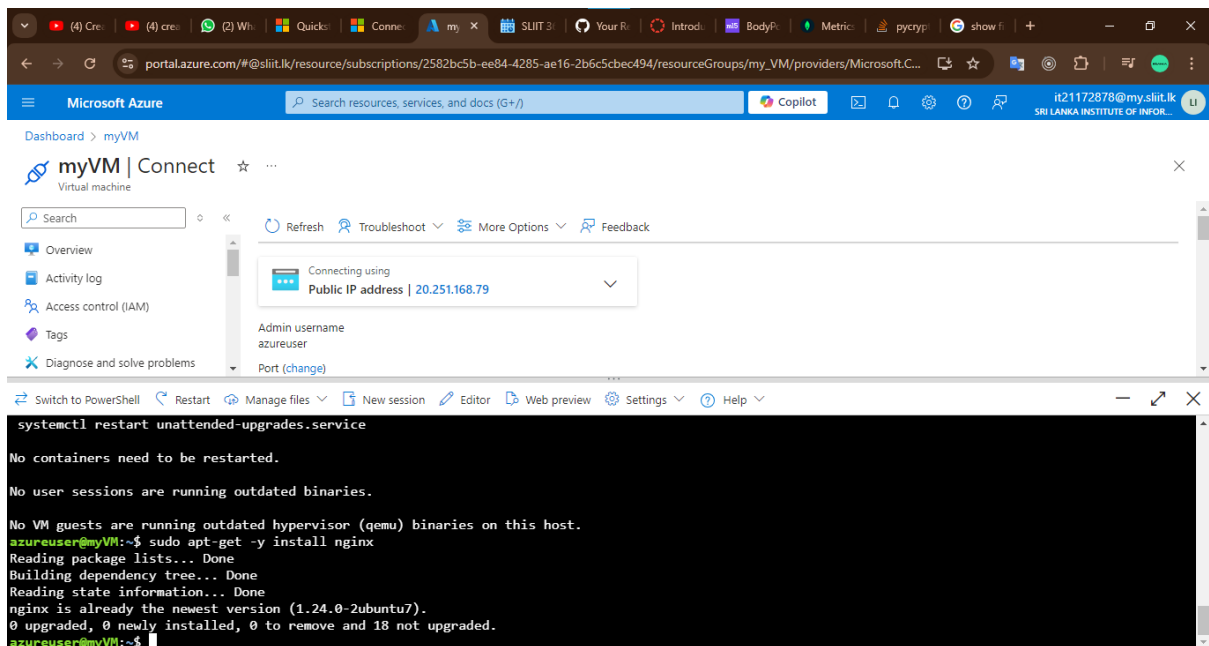
3. Install web server

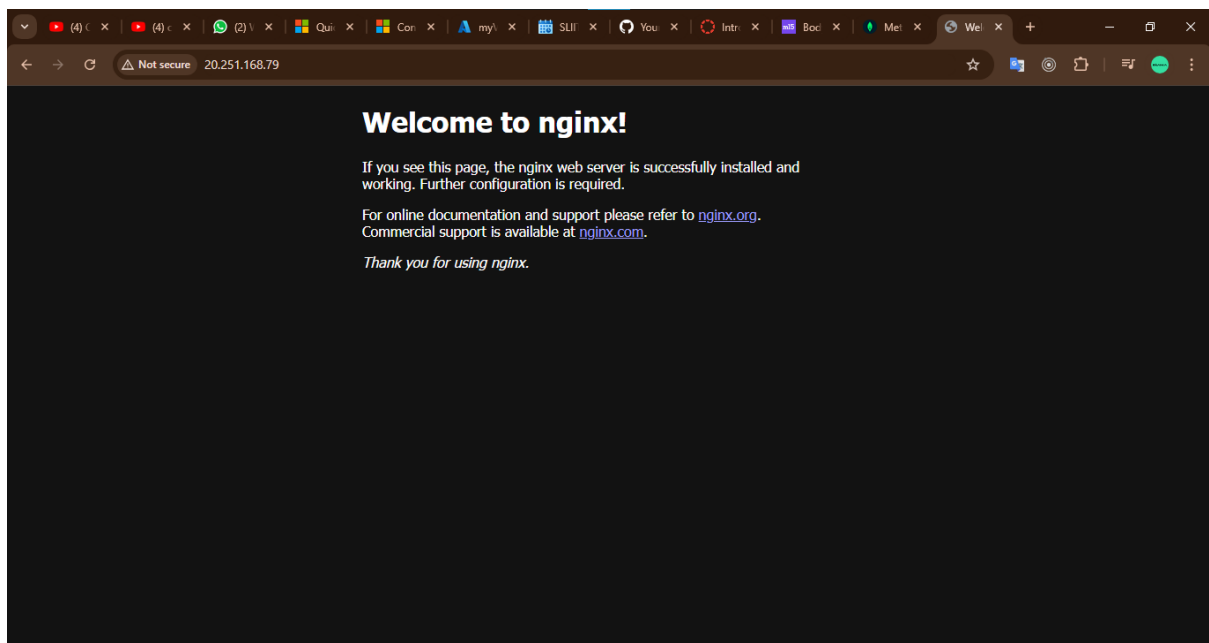Figure 3. 1: Install the NGINX web server
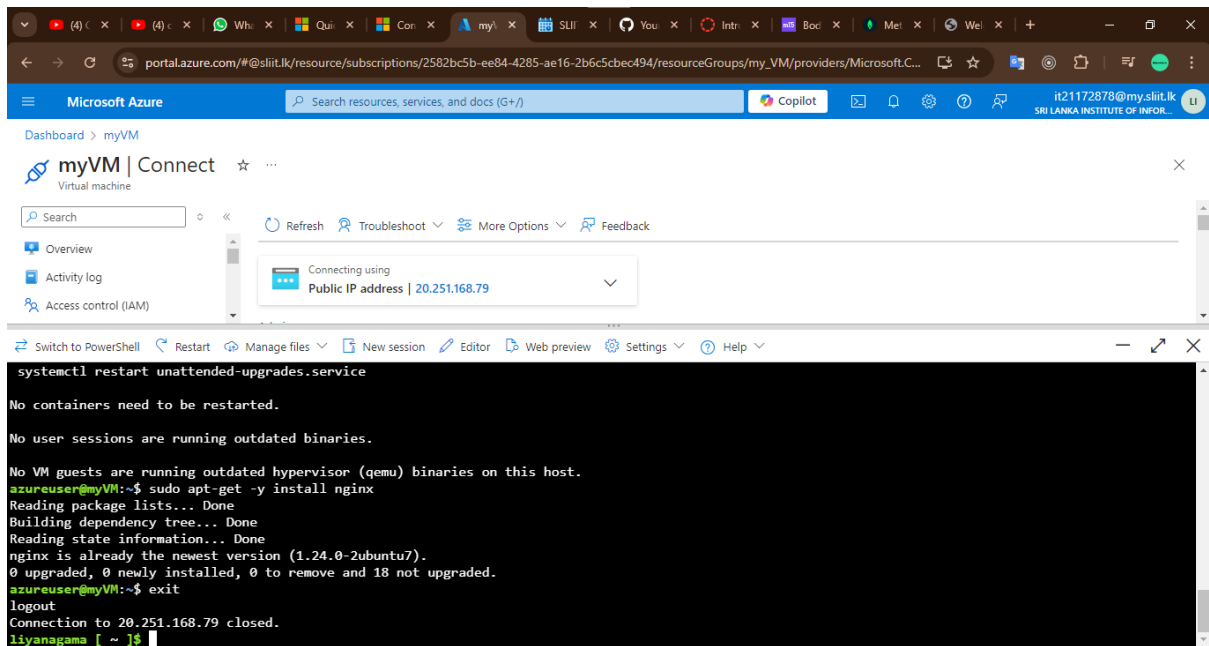

Figure 3. 2: View the web server in action

Figure 3. 3: Type exit to leave the SSH session
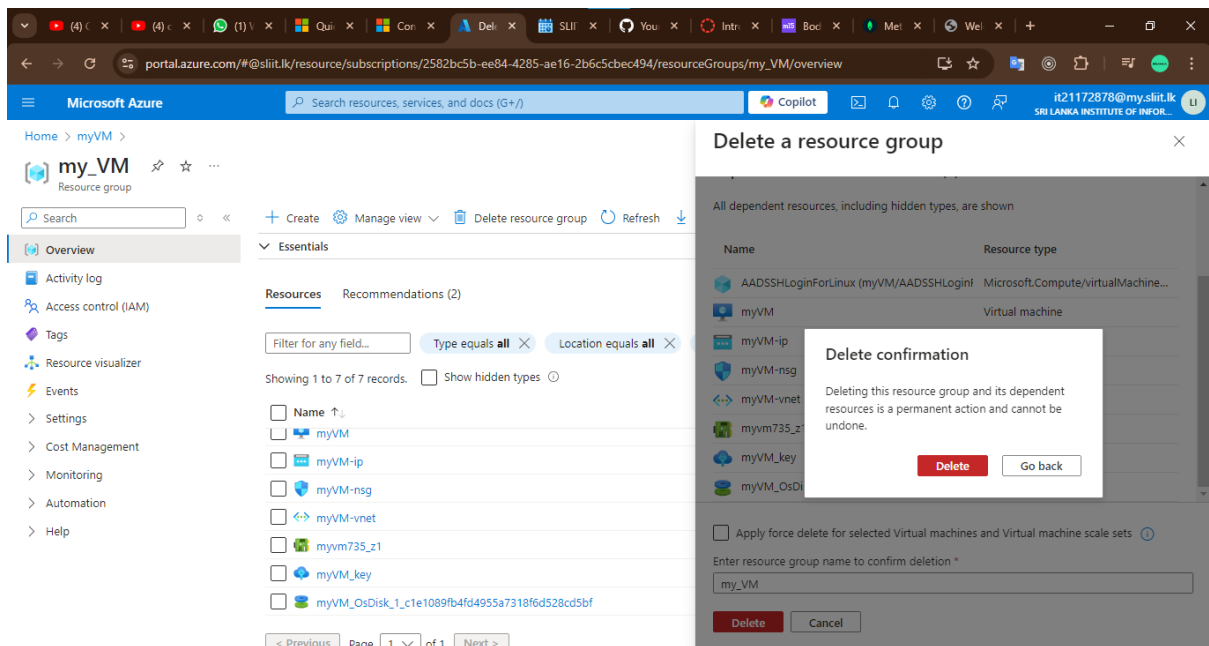
4. Clean up resources
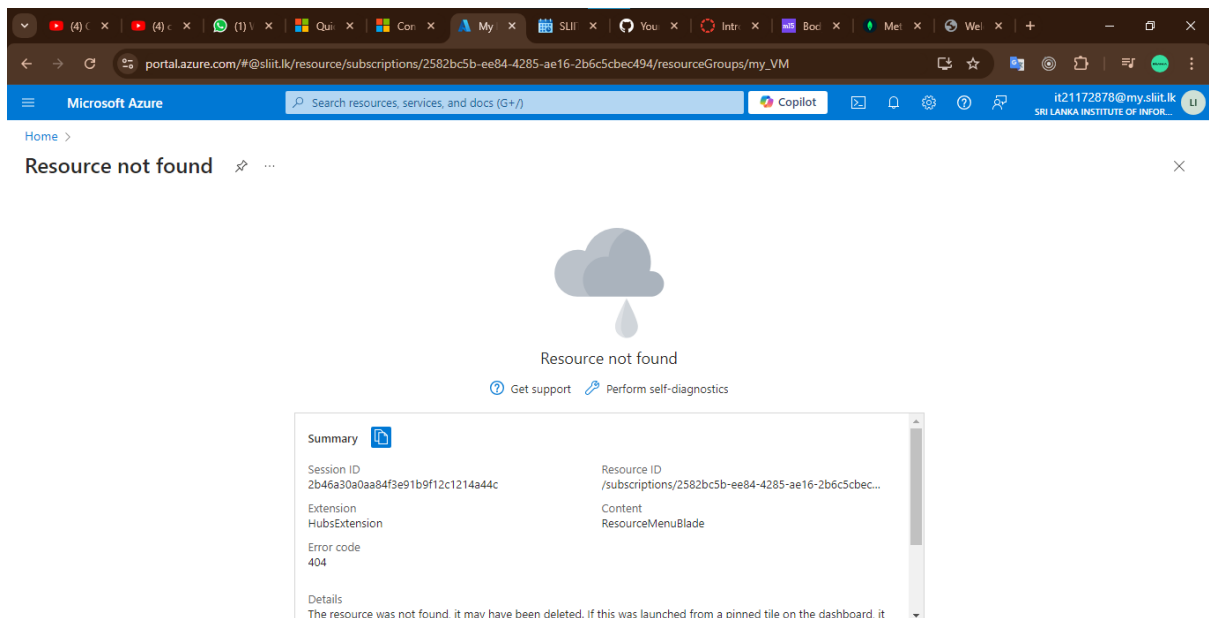

Figure 4. 1: Type the name of the resource group and select Delete to finish deleting the resources

Figure 4. 2: Deleted resources