**Linux commands**

Create ec2 instance with Linux (port 80 & 443 inbound rule) and open mobaxterm :

\* sudo su

\* mkdir newfolder

\* enter enter

\* touch file{1..5}.txt

\* ll

\* whoami

**Permissions**

r - read 4

w - write 2

x - execute 1

**user group others**

rwx rwx rwx

rw- r-- r--

rw- r-- r-w

chmod u+x filename

chmod +x file

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**Numerical way**

chmod 645 filename

\* chmod 644 file1.txt

\* ll

\* chmod 667 file1.txt

\* ll

\* clear

\* cat /etc/passwd(to check other users)

\* clear

\* sudo chown root file1.txt

\* password is pemfilename

\* ll

\* sudo chgrp root file1.txt

\* clear

\* ll

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**Creating new user**

Screen share from sachin

\* open mobaxterm with port 22

\* connect

\* sudo su

\* cat /etc/passwd

\* sudo useradd binson

\* cat /etc/passwd

\* id binson

\* sudo su binson

\* whoami

\* passwd binson (to create password)

\* sudo userdel binson

\* ls

\* id binson

\* systemctl

\* clear

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**To see which services are being used**

\* systemctl status httpd

\* sudo apt install httpd

\* sudo apt install apache (for ubuntu :here no need)

\* systemctl status httpd

\* cd /var/www/html

\* ll

\* cat index.html

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**Search for simple HTML code in chatGPT (copy it)**

\* vim index.html

\* paste

\* save and come back

\* ls

\* sudo mv index.html index\_backup.html (to rename)

\* ls

\* sudo vim index.html

\* i (paste that html file)

\* come out

\* paste public ID in browser

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**Visit template MO in browser:**

\* Click HTML template

\* Choose any and download

\* Download windows PowerShell (one time download) > open and type

\* Cd Downloads