**Apache Server**

* This is a popular web server
* Open Source =>
  + Free/Community Editions
  + Enterprise Editions (Support)
* Web Server:
  + exposes http connectivity
  + returns web pages
* Web Page:
  + HTML Page
* Webservers generally understand http and respond with
  + html
  + json
  + other formats
* Webservers also support executing some languages
  + php
* Webservers can also forward the request to some other servers.
* Popular Webservers:
  + Apache
  + Nginx
  + IIS
* Lets create a linux VM
* To install apache

sudo apt update

sudo apt-cache search apache

sudo apt install apache2 -y

* Any application that runs in the background is called as daemon or service
* To control services linux has systemctl command
* To view the service status sudo systemctl status apache2.service
* To stop sudo systemctl stop <service-name>
* To start sudo systemctl start <service-name>
* To enable sudo systemctl enable <service-name>
* Lets add our page into apache server
  + folder for webpages /var/www/html/
  + Lets create info.html and add <h1>information found </h1>
* Exercise: Try doing the same in nginx server

**Copying files between windows and linux**

* Lets use sftp

**Installing Softwares in Linux**

* We have 3 ways
  + download the software and extract it on your own
  + using deb (sudo dpkg -i .deb) or rpm packages sudo rpm -iVh <name>.rpm)
  + using pacakge managers
    - debian/ubuntu => apt sudo apt install git
    - redhat => yum/dnf sudo yum install git
    - generic => snap sudo snap install git