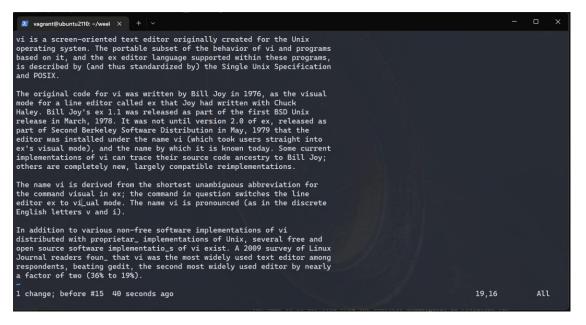
Lab 3

Part One

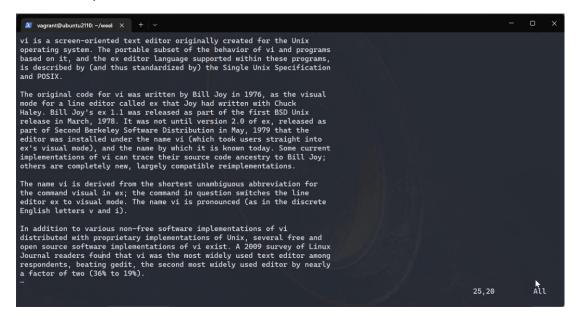
Replacing all the instances of '=' with :%s/=//g



Using r to replace characters:



All edits complete:



Part two

vagrant@ubuntu2110:~/week-three\$ vi index.html

Removed all the comment files by using regex:

Part three:

			10 (9)	
<pre>vagrant@ubuntu2110:/etc\$ ls adduser.conf</pre>			40/20	1 . 1
	fuse.conf	locale.alias	papersize	subgid
alternatives	fwupd	locale.gen	passwd	subgid-
apache2	gai.conf	localtime	passwd-	subuid
apm	ghostscript	logcheck	perl	subuid-
apparmor	groff	login.defs	pki	sudo.conf
apparmor.d	group	logrotate.conf	pm	sudoers
apport	group-	logrotate.d	polkit-1	sudoers.d
apt	grub.d	lsb-release	pollinate	sudo_logsrvd.conf
bash.bashrc	gshadow	ltrace.conf	profile	sysctl.conf
bash_completion	gshadow-	lvm	profile.d	sysctl.d
bash_completion.d	gss	machine-id	protocols	sysstat
bindresvport.blacklist	hdparm.conf	magic	python3	systemd
binfmt.d	host.conf	magic.mime	python3.9	terminfo
byobu	hostname	manpath.config	rc0.d	thermald
ca-certificates	hosts	mdadm	rc1.d	timezone
ca-certificates.conf	hosts.allow	mime.types	rc2.d	tmpfiles.d
ca-certificates.conf.dpkg-old	hosts.deny	mke2fs.conf	rc3.d	ubuntu-advantage
console-setup	ifplugd	modprobe.d	rc4.d	ucf.conf
cron.d	ImageMagick-6	modules	rc5.d	udev
cron.dailv	init	modules-load.d	rc6.d	udisks2
cron.hourly	init.d	motd	rcS.d	ufw
cron.monthly	initramfs-tools	mtab	resolv.conf	updatedb.conf
crontab	inputro	multipath	rmt	update-manager
cron.weekly	iproute2	multipath.conf	rpc	update-motd.d
cryptsetup-initramfs	iscsi	nanorc	rsyslog.conf	update-notifier
crypttab	issue	needrestart	rsyslog.d	UPower
dbus-1	issue.net	netconfig	screenrc	usb modeswitch.conf
debconf.conf	kernel	netplan	security	usb_modeswitch.d
debian version	landscape	network	selinux	vagrant_box_build_time
default	ldap	networkd-dispatcher		vim
deluser.conf	ld.so.cache	networks	sensors.d	vmware-tools
depmod.d	ld.so.conf	newt	services	vtrqb
dhcp	ld.so.conf.d	nsswitch.conf	shadow	w3m
dpkg	legal	opt	shadow-	wgetrc
e2scrub.conf	libaudit.conf	os-release	shells	X11
environment	libblockdev	overlayroot.conf	skel	xattr.conf
Control of the contro	libnl-3	PackageKit	SNEL	
ethertypes				xdg
fonts	libpaper.d	pam.conf	ssh ssl	zsh_command_not_found
fstab	lighttpd	pam.d	SSL	
vagrant@ubuntu2110:/etc\$				
VX Bearing			N	

The /etc directory is where all the configuration files of the system live. These files can't be executable files or binary files. A configuration file is a file that controls the working of a program. The /etc directory also has a lot of subdirectories which also contain more configuration files for the system. From a historical perspective, the /etc directory contained all the files that did not fit into the pre-existing categories like /bin for all the executable binaries or /dev for the devices.

Part four

```
Vagrant@ubuntu2110:/dec$ cd /dev
Vagrant@ubuntu2110:/dec$ tc /dev
Vagrant@ubuntu2110:/dev$ tc /dev
Vagrant@ubuntu2110:/dev
Vagrant@ubuntu2
```

Part five

The ubuntu VMs are installed on the sda3 partition of the sda device (physical drive) on the vagrant machine.

```
vagrant@ubuntu2110:/dev$ lsblk -f
                                                            LABEL UUID
                                                                                                                        FSAVAIL FSUSE% MOUNTPOINT
                                                 FSVER
                                                                                                                                  FSUSE% MOUNTPOINT
100% /snap/lxd/23537
100% /snap/snapd/16292
100% /snap/snapd/16778
100% /snap/lxd/21624
100% /snap/core20/1623
100% /snap/core20/1611
loop0
                                 squashfs
                                                 4.0
                                                 4.0
                                                                                                                               0
                                 squashfs
loop1
loop2
                                 squashfs
                                                 4.0
                                 squashfs
                                                 4.0
loop3
                                 squashfs
                                                 4.0
loop4
loop5
                                 squashfs
sda
  -sda1
  -sda2
                                                                    c8a0c58b-d006-46e7-a4bf-b0d90b92a985
                                                                                                                                       9% /boot
                                LVM2_member LVM2 001
                                                                    aIfikx-ugAX-5BcP-bmrj-aVy0-ldAj-0AHAbV
   └ubuntu--vg-ubuntu--lv
                                                                    03cd2630-f61e-4c3a-a602-b7ac11bc9918
                                                                                                                                       8% /
                                 ext4
                                                1.0
                                                                                                                          53.9G
 vagrant@ubuntu2110:/dev$
```

Part six

gg = in normal mode, go to the beginning of the file

cc = in normal mode, replace the whole line

cw = in normal mode, replaces the content from the cursor to the end of the word

yy = in normal mode, copy (yank) the current line