**assignment1-9april**

Q1

Creating a tree directory structure

mkdir -p A/{B/{D/{I/M/Z,J/L/Z},E/H/L/Z},C/{F/H/L/Z,G/K/L/Z}}

tree A

Q2

Provide permission to user only to execute the date command and remove the permission for executing date command for the root user.

(login the root)

sudo su

(add the user)

useradd -s /bin/date dtt

(take back the permission)

chmod -x /bin/date

(set the permission for am user)

(exit from the root)

setfacl -m u:am:rwx /bin/date exit

(run the date command but it will show permission denied)

date

(it will run only date command)

sudo su - dt

Q3

copy the data from one user to another user

sudo adduser ch

su ch

cd ..

cd ch

mkdir f1

cd f1

touch a.txt

cat > a.txt

exit

sudo adduser hc

su hc

cd ..

cd hc

mkdir f2

cd f2

touch b.txt

cat > b.txt

exit

sudo cp /home/ch/f1/a.txt /home/hc/f2 (copy the data of a.txt into f2 folder)

sudo cp /home/hc/f2/b.txt /home/ch/f1 (copy the data of b.txt into f1 folder)

Q4

run cal command for 10sec and store output in /tmp/a.txt

watch -n 10 "(cal)|tee -a /tmp/a.txt"