MOVE FILES FROM ONE FOLDER TO THE RESPECTIVE FOLDERS

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ ls

abc.txt def.txt ghi.txt jkl.txt

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ mkdir abc

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ mv abc.txt abc

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ mkdir def

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ mv def.txt def

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ mkdir ghi

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ mv ghi.txt ghi

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ mkdir jkl

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ mv jkl.txt jkl

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ ls abc

abc.txt

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ ls def

def.txt

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ ls ghi

ghi.txt

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ ls jkl

jkl.txt

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$

Check if folder exist or not

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ ls

abc/ def/ ghi/ jkl/

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ ls command

ls: cannot access 'command': No such file or directory

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ mkdir command

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ ls

abc/ command/ def/ ghi/ jkl/

EXECUTE COMMAND HELLO AND CHECK ITS EXECUTION STATUS

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ hello

bash: hello: command not found

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ echo "hello"

hello

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ ls

abc/ command/ def/ ghi/ jkl/

CHECK ENV AND USER DOMAIN

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ env

USERDOMAIN=LAPTOP-E2NR1CA4

OS=Windows\_NT

COMMONPROGRAMFILES=C:\Program Files\Common Files

PROCESSOR\_LEVEL=23

PSModulePath=C:\Program Files\WindowsPowerShell\Modules;C:\WINDOWS\system32\WindowsPowerShell\v1.0\Modules

CommonProgramW6432=C:\Program Files\Common Files

CommonProgramFiles(x86)=C:\Program Files (x86)\Common Files

platformcode=KV

MSYSTEM\_CARCH=x86\_64

HOSTNAME=LAPTOP-E2NR1CA4

PUBLIC=C:\Users\Public

CONFIG\_SITE=/etc/config.site

EXEPATH=C:\Program Files\Git

OnlineServices=Online Services

MSYSTEM\_CHOST=x86\_64-w64-mingw32

USERNAME=Priyanka

LOGONSERVER=\\LAPTOP-E2NR1CA4

PROCESSOR\_ARCHITECTURE=AMD64

LOCALAPPDATA=C:\Users\Priyanka\AppData\Local

COMPUTERNAME=LAPTOP-E2NR1CA4

FPS\_BROWSER\_APP\_PROFILE\_STRING=Internet Explorer

!::=::\

SYSTEMDRIVE=C:

USERPROFILE=C:\Users\Priyanka

PATHEXT=.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC

SYSTEMROOT=C:\WINDOWS

USERDOMAIN\_ROAMINGPROFILE=LAPTOP-E2NR1CA4

PROCESSOR\_IDENTIFIER=AMD64 Family 23 Model 104 Stepping 1, AuthenticAMD

MINGW\_PACKAGE\_PREFIX=mingw-w64-x86\_64

OneDriveConsumer=C:\Users\Priyanka\OneDrive

PWD=/c/Users/Priyanka/Documents/ppp

SSH\_ASKPASS=/mingw64/bin/git-askpass.exe

HOME=/c/Users/Priyanka

TMP=/tmp

LC\_CTYPE=en\_US.UTF-8

TERM\_PROGRAM=mintty

TERM\_PROGRAM\_VERSION=3.5.2

MSYSTEM\_PREFIX=/mingw64

OneDrive=C:\Users\Priyanka\OneDrive

PROCESSOR\_REVISION=6801

FPS\_BROWSER\_USER\_PROFILE\_STRING=Default

TMPDIR=/tmp

NUMBER\_OF\_PROCESSORS=12

ProgramW6432=C:\Program Files

COMSPEC=C:\WINDOWS\system32\cmd.exe

APPDATA=C:\Users\Priyanka\AppData\Roaming

SHELL=/usr/bin/bash

TERM=xterm

WINDIR=C:\WINDOWS

MINGW\_CHOST=x86\_64-w64-mingw32

ProgramData=C:\ProgramData

SHLVL=1

PLINK\_PROTOCOL=ssh

ACLOCAL\_PATH=/mingw64/share/aclocal:/usr/share/aclocal

PROGRAMFILES=C:\Program Files

MANPATH=/mingw64/local/man:/mingw64/share/man:/usr/local/man:/usr/share/man:/usr/man:/share/man

ORIGINAL\_TEMP=/tmp

ORIGINAL\_TMP=/tmp

ALLUSERSPROFILE=C:\ProgramData

TEMP=/tmp

DriverData=C:\Windows\System32\Drivers\DriverData

MSYSTEM=MINGW64

MINGW\_PREFIX=/mingw64

SESSIONNAME=Console

RegionCode=APJ

ProgramFiles(x86)=C:\Program Files (x86)

PATH=/c/Users/Priyanka/bin:/mingw64/bin:/usr/local/bin:/usr/bin:/bin:/mingw64/bin:/usr/bin:/c/Users/Priyanka/bin:/c/Program Files/Common Files/Oracle/Java/javapath:/c/WINDOWS/system32:/c/WINDOWS:/c/WINDOWS/System32/Wbem:/c/WINDOWS/System32/WindowsPowerShell/v1.0:/c/WINDOWS/System32/OpenSSH:/cmd:/c/Users/Priyanka/AppData/Local/Microsoft/WindowsApps:/usr/bin/vendor\_perl:/usr/bin/core\_perl

PS1=\[\033]0;$TITLEPREFIX:$PWD\007\]\n\[\033[32m\]\u@\h \[\033[35m\]$MSYSTEM \[\033[33m\]\w\[\033[36m\]`\_\_git\_ps1`\[\033[0m\]\n$

HOMEDRIVE=C:

PKG\_CONFIG\_PATH=/mingw64/lib/pkgconfig:/mingw64/share/pkgconfig

INFOPATH=/usr/local/info:/usr/share/info:/usr/info:/share/info

HOMEPATH=\Users\Priyanka

ORIGINAL\_PATH=/mingw64/bin:/usr/bin:/c/Users/Priyanka/bin:/c/Program Files/Common Files/Oracle/Java/javapath:/c/WINDOWS/system32:/c/WINDOWS:/c/WINDOWS/System32/Wbem:/c/WINDOWS/System32/WindowsPowerShell/v1.0:/c/WINDOWS/System32/OpenSSH:/cmd:/c/Users/Priyanka/AppData/Local/Microsoft/WindowsApps

\_=/usr/bin/env

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ USERDOMAIN

bash: USERDOMAIN: command not found

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ env USERDOMAIN

env: ‘USERDOMAIN’: No such file or directory

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ echo $USER

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ echo $HOME

/c/Users/Priyanka

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ echo $USERDOMAIN

LAPTOP-E2NR1CA4

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ ^C

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$

APPEND CURRENT DATE TO ALL LOG FILES NAME WHICH HAS EXTENSION .log.1 FROM A FOLDER

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ ls

abc/ abc.log.1 command/ def/ def.log.1 ghi/ ghi.log.1 jkl/ jkl.log.1 mno.log.1

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ DATE

Fri Mar 25 20:17:12 IST 2022

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ echo abc.log.1- " `date +"+%d-%m-%y"`"

abc.log.1- +25-03-22

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ echo def.log.1- " `date +"+%d-%m-%y"`"

def.log.1- +25-03-22

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ echo ghi.log.1- " `date +"+%d-%m-%y"`"

ghi.log.1- +25-03-22

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ echo jkl.log.1- " `date +"+%d-%m-%y"`"

jkl.log.1- +25-03-22

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$ echo mno.log.1- " `date +"+%d-%m-%y"`"

mno.log.1- +25-03-22

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/ppp

$

FILES AND FOLDERS WHICH HAVE BEEN MODIFIED 7 DAYS AGO AND MOVE IT TO BACKUP FOLDER

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/documents

$ ls -al

total 30

drwxr-xr-x 1 Priyanka 197121 0 Mar 25 18:58 ./

drwxr-xr-x 1 Priyanka 197121 0 Mar 25 19:17 ../

drwxr-xr-x 1 Priyanka 197121 0 Mar 25 12:00 'Custom Office Templates'/

-rw-r--r-- 1 Priyanka 197121 611 Mar 24 09:54 Helloworld.class

-rw-r--r-- 1 Priyanka 197121 190 Mar 24 11:52 Helloworld.java

-rwxr-xr-x 1 Priyanka 197121 322 Mar 25 11:43 Helloworld.sh\*

lrwxrwxrwx 1 Priyanka 197121 23 Mar 22 14:05 'My Music' -> /c/Users/Priyanka/Music/

lrwxrwxrwx 1 Priyanka 197121 26 Mar 22 14:05 'My Pictures' -> /c/Users/Priyanka/Pictures/

lrwxrwxrwx 1 Priyanka 197121 24 Mar 22 14:05 'My Videos' -> /c/Users/Priyanka/Videos/

drwxr-xr-x 1 Priyanka 197121 0 Mar 25 11:49 abd/

-rw-r--r-- 1 Priyanka 197121 0 Mar 23 19:16 abd.txt

-rw-r--r-- 1 Priyanka 197121 95 Mar 25 11:54 add.sh

drwxr-xr-x 1 Priyanka 197121 0 Mar 25 11:49 c/

-rw-r--r-- 1 Priyanka 197121 0 Mar 23 19:16 c.txt

-rw-r--r-- 1 Priyanka 197121 418 Mar 23 18:02 desktop.ini

-rw-r--r-- 1 Priyanka 197121 89 Mar 25 12:16 ifelse.sh

drwxr-xr-x 1 Priyanka 197121 0 Mar 23 19:21 linux-content/

drwxr-xr-x 1 Priyanka 197121 0 Mar 25 19:59 ppp/

-rw-r--r-- 1 Priyanka 197121 168 Mar 25 13:50 sss.sh

drwxr-xr-x 1 Priyanka 197121 0 Mar 24 19:22 test/

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/documents

$ mv c.txt backup

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/documents

$ ls backup

abd.txt add.sh c.txt sss.sh

DATA ANALYSIS

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/linux-content (master)

$ ls

10000} README.md access.log data.csv linux\_chit\_sheet.pdf linux\_problem\_sheet.pdf

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/linux-content (master)

$ cat data.csv

Id EmployeeName JobTitle BasePay OvertimePay OtherPay TotalPay TotalPayBenefits

1 NATHANIEL GM 167411 0 400184 567595 567595

2 GARY CAPTAIN 155966 245131 137811 538909 538909

3 ALBERT CAPTAIN 212739 106088 16452 335279 335279

4 CHRISTOPHER MECHANIC 77916 56120 198306 332343 332343

5 PATRICK DEPUTYCHIEF 134401 9737 182234 326373 326373

6 DAVID ASSTDEPUTY 118602 8601 189082 316285 316285

7 ALSON BATTALIONCHIEF 92492 89062 134426 315981 315981

8 DAVID DEPUTYDIRECTOR 256576 0 51322 307899 307899

10 JOANNE CHIEF 285262 0 17115 302377 302377

12 PATRICIA CAPTAIN 99722 87082 110804 297608 297608

13 EDWARD EXECUTIVE 294580 0 0 294580 294580

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/linux-content (master)

$ cat data.csv | awk '{print $2 " " $7}'

EmployeeName TotalPay

NATHANIEL 567595

GARY 538909

ALBERT 335279

CHRISTOPHER 332343

PATRICK 326373

DAVID 316285

ALSON 315981

DAVID 307899

JOANNE 302377

PATRICIA 297608

EDWARD 294580

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/linux-content (master)

$ cat data.csv | grep CAPTAIN

2 GARY CAPTAIN 155966 245131 137811 538909 538909

3 ALBERT CAPTAIN 212739 106088 16452 335279 335279

12 PATRICIA CAPTAIN 99722 87082 110804 297608 297608

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/linux-content (master)

$ cat data.csv | grep CAPTAIN | awk '{sum+=$7}END {print sum}'

1171796

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/linux-content (master)

$ cat data.csv | grep CAPTAIN | awk '{sum+=$7}END {print sum/NR}'

390599

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/linux-content (master)

$ cat data.csv | awk '{print $3 " " $5}'

JobTitle OvertimePay

GM 0

CAPTAIN 245131

CAPTAIN 106088

MECHANIC 56120

DEPUTYCHIEF 9737

ASSTDEPUTY 8601

BATTALIONCHIEF 89062

DEPUTYDIRECTOR 0

CHIEF 0

CAPTAIN 87082

EXECUTIVE 0

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/linux-content (master)

$ cat data.csv | awk '{sum+=$4}END {print sum/NR}'

157972

Priyanka@LAPTOP-E2NR1CA4 MINGW64 ~/Documents/linux-content (master)

$