Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/commands

$ ls

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/commands

$ touch abc.txt def.txt ghi.txt jkl.txt

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/commands

$ ls Move files one folder to respective folders

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

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/commands

$ mkdir abc

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/commands

$ mv abc.txt abc

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/commands

$ ls

abc/ def.txt ghi.txt jkl.txt

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/commands

$ cd abc

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/commands/abc

$ ls

abc.txt

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/commands/abc

$ mkdir def

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/commands/abc

$ mv def.txt def

mv: cannot stat 'def.txt': No such file or directory

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/commands/abc

$ cd

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~

$ cd documents/

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents

$ cd commands/

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ mkdir def

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ mv def.txt def

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ mkdir ghi

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ mv ghi.txt ghi

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ mkdir jkl

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ mv jkl.txt jkl

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ cd jkl

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands/jkl

$ cd ..

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ ls

abc/ def/ ghi/ jkl/

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ ls abc

abc.txt def/

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ ls def

def.txt

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ ls ghi

ghi.txt

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ ls jkl

jkl.txt

CHECK IF THE FOLDER EXISTS OR NOT

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ ls

abc/ def/ ghi/ jkl/

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ ls terminal

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

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ mkdir terminal

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ ls

abc/ def/ ghi/ jkl/ terminal/

EXECUTE COMMAND HELLO & CHECK ITS EXECUTION STATUS

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ echo "hello"

hello

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ ls

abc/ def/ ghi/ jkl/ terminal/

CHECK ENV USER DOMAIN

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ env

USERDOMAIN=LAPTOP-9VLT2MT4

OS=Windows\_NT

COMMONPROGRAMFILES=C:\Program Files\Common Files

PROCESSOR\_LEVEL=6

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

MSYSTEM\_CARCH=x86\_64

DISPLAY=needs-to-be-defined

HOSTNAME=LAPTOP-9VLT2MT4

PUBLIC=C:\Users\Public

CONFIG\_SITE=/etc/config.site

EXEPATH=C:\Program Files\Git

MSYSTEM\_CHOST=x86\_64-w64-mingw32

USERNAME=Vanishree

LOGONSERVER=\\LAPTOP-9VLT2MT4

PROCESSOR\_ARCHITECTURE=AMD64

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

COMPUTERNAME=LAPTOP-9VLT2MT4

!::=::\

SYSTEMDRIVE=C:

USERPROFILE=C:\Users\Vanishree

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

SYSTEMROOT=C:\Windows

USERDOMAIN\_ROAMINGPROFILE=LAPTOP-9VLT2MT4

PROCESSOR\_IDENTIFIER=Intel64 Family 6 Model 140 Stepping 1, GenuineIntel

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

OneDriveConsumer=C:\Users\Vanishree\OneDrive

PWD=/c/Users/Vanishree/documents/commands

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

HOME=/c/Users/Vanishree

TMP=/tmp

LC\_CTYPE=en\_US.UTF-8

TERM\_PROGRAM=mintty

TERM\_PROGRAM\_VERSION=3.5.2

MSYSTEM\_PREFIX=/mingw64

OneDrive=C:\Users\Vanishree\OneDrive

ZES\_ENABLE\_SYSMAN=1

PROCESSOR\_REVISION=8c01

TMPDIR=/tmp

NUMBER\_OF\_PROCESSORS=8

ProgramW6432=C:\Program Files

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

APPDATA=C:\Users\Vanishree\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

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

PATH=/c/Users/Vanishree/bin:/mingw64/bin:/usr/local/bin:/usr/bin:/bin:/mingw64/bin:/usr/bin:/c/Users/Vanishree/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:/c/Users/Vanishree/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\Vanishree

ORIGINAL\_PATH=/mingw64/bin:/usr/bin:/c/Users/Vanishree/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:/c/Users/Vanishree/AppData/Local/Microsoft/WindowsApps

\_=/usr/bin/env

OLDPWD=/c/Users/Vanishree/documents/commands/jkl

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ userdomain

bash: userdomain: command not found

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ user

bash: user: command not found

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ USER

bash: USER: command not found

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ $USER

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ echo $USER

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ echo $HOME

/c/Users/Vanishree

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ ECHO $users

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/documents/commands

$ echo $USERDOMAIN

LAPTOP-9VLT2MT4

Append Current Date To All Log Files Name Which As EXTENSION .log from a folder

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/commands

$ ls

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

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/commands

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

date: extra operand ‘+%d-%m-%y’

Try 'date --help' for more information.

abc.log.1-

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/commands

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

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

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/commands

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

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

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/commands

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

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

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/commands

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

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

FILES/FOLDERS WHICH HAS MODIFIES 7DAYS AGO AND MOVIE IT TO BACKUP FOLDER

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/commands

$ cd ..

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents

$ cd bridgelab/

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/bridgelab

$ ls -al

total 15

drwxr-xr-x 1 Vanishree 197121 0 Mar 25 12:11 ./

drwxr-xr-x 1 Vanishree 197121 0 Mar 25 19:02 ../

-rw-r--r-- 1 Vanishree 197121 0 Mar 25 12:12 10

-rw-r--r-- 1 Vanishree 197121 223 Mar 25 11:50 Copyfiles.sh

drwxr-xr-x 1 Vanishree 197121 0 Mar 25 11:50 abc/

-rw-r--r-- 1 Vanishree 197121 0 Mar 25 11:37 abc.txt

-rw-r--r-- 1 Vanishree 197121 94 Mar 25 11:55 add.sh

drwxr-xr-x 1 Vanishree 197121 0 Mar 22 23:57 batch/

drwxr-xr-x 1 Vanishree 197121 0 Mar 22 10:53 bridgelabs/

drwxr-xr-x 1 Vanishree 197121 0 Mar 25 11:50 def/

-rw-r--r-- 1 Vanishree 197121 0 Mar 25 11:37 def.txt

-rw-r--r-- 1 Vanishree 197121 179 Mar 25 13:45 ifelse.sh

drwxr-xr-x 1 Vanishree 197121 0 Mar 22 22:22 java/

drwxr-xr-x 1 Vanishree 197121 0 Mar 25 11:50 sss/

-rw-r--r-- 1 Vanishree 197121 0 Mar 22 22:20 sss.txt

drwxr-xr-x 1 Vanishree 197121 0 Mar 22 22:57 temp/

drwxr-xr-x 1 Vanishree 197121 0 Mar 22 22:58 test/

-rw-r--r-- 1 Vanishree 197121 0 Mar 22 10:52 vani

drwxr-xr-x 1 Vanishree 197121 0 Mar 25 19:01 vanishreee/

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/bridgelab

$ mkdir backup/

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/bridgelab

$ mv abc.txt def.txt sss.txt backup/

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/bridgelab

$ ls -al

total 15

drwxr-xr-x 1 Vanishree 197121 0 Mar 25 20:46 ./

drwxr-xr-x 1 Vanishree 197121 0 Mar 25 19:02 ../

-rw-r--r-- 1 Vanishree 197121 0 Mar 25 12:12 10

-rw-r--r-- 1 Vanishree 197121 223 Mar 25 11:50 Copyfiles.sh

drwxr-xr-x 1 Vanishree 197121 0 Mar 25 11:50 abc/

-rw-r--r-- 1 Vanishree 197121 94 Mar 25 11:55 add.sh

drwxr-xr-x 1 Vanishree 197121 0 Mar 25 20:46 backup/

drwxr-xr-x 1 Vanishree 197121 0 Mar 22 23:57 batch/

drwxr-xr-x 1 Vanishree 197121 0 Mar 22 10:53 bridgelabs/

drwxr-xr-x 1 Vanishree 197121 0 Mar 25 11:50 def/

-rw-r--r-- 1 Vanishree 197121 179 Mar 25 13:45 ifelse.sh

drwxr-xr-x 1 Vanishree 197121 0 Mar 22 22:22 java/

drwxr-xr-x 1 Vanishree 197121 0 Mar 25 11:50 sss/

drwxr-xr-x 1 Vanishree 197121 0 Mar 22 22:57 temp/

drwxr-xr-x 1 Vanishree 197121 0 Mar 22 22:58 test/

-rw-r--r-- 1 Vanishree 197121 0 Mar 22 10:52 vani

drwxr-xr-x 1 Vanishree 197121 0 Mar 25 19:01 vanishreee/

DATA ANAYALIS

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/bridgelab/vanishreee/linux-content (master)

$ ls

10000} HelloWorld.java access.log data.csv linux\_chit\_sheet.pdf temp/ test

666 README.md awkprof.out jkj linux\_problem\_sheet.pdf terminalcommands/ test2

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/bridgelab/vanishreee/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

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/bridgelab/vanishreee/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

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/bridgelab/vanishreee/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

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/bridgelab/vanishreee/linux-content (master)

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

1895667

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/bridgelab/vanishreee/linux-content (master)

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

1171796

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/bridgelab/vanishreee/linux-content (master)

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

390599

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/bridgelab/vanishreee/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

Vanishree@LAPTOP-9VLT2MT4 MINGW64 ~/Documents/bridgelab/vanishreee/linux-content (master)

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

157972