**MOVE FILES FROM ONE FOLDER TO RESPECTIVE FOLDERS**

#! /bin/bash

for filename in `ls \*.txt`

do

foldername=`echo $filename | awk -F. '{print $1}'`

if [ -d $foldername ]

then

rm -r $foldername

fi

mkdir $foldername

mv $filename $foldername

echo $filename " moved to " $foldername

done

abc.txt moved to abc

def.txt moved to def

ghi.txt moved to ghi

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

#! /bin/bash

for filename in `ls \*.log.1`

do

firstname=`echo $filename | awk -F. '{print $1}'`

extension=`echo $filename | awk -F. '{print $2}'`

currentdate=`date +%d-%m-%Y | awk -F- '{print $1$2$3}'`

mv $filename $firstname"-"$currentdate"."$extension

echo $filename " renamed to " $firstname"-"$currentdate"."$extension

done

abc.log.1 renamed to abc-28032021.log

def.log.1 renamed to def-28032021.log

ghi.log.1 renamed to ghi-28032021.log

**FILE MODIFIED TIME GREATER THAN 7 MOVE TO BACKUP FOLDER**

#! /bin/bash

for file in `find . -mtime +7 | awk -F/ '{print $2}'`

do

echo $file

mv $file backup

done

**CHECK IF A FOLDER EXIST OR NOT**

#! /bin/bash

if [ -d myfolder ]

then

echo folder already exist

else

mkdir myfolder

fi

folder already exist

**CHECK EXECUTION STATUS OF “hello” and “ls”**

#! /bin/bash

hello

echo $?

ls

echo $?

./status.sh: line 2: hello: command not found

127

abc abc-28032021.log copyfile.sh def def-28032021.log folderexist.sh ghi ghi-28032021.log myfolder renamefile.sh status.sh

0

**CREATE PROCESS LIST TABLE DISPLAY PID,PPID,COMMAND**

ps -elf | awk '{print $2" "$3" "$6}'

PID PPID COMMAND

1742 516 /c/Program

1961 516 /usr/bin/bash

1960 516 /usr/bin/ps

516 1 /usr/bin/bash

1748 516 /c/Program

1754 516 /c/Program

**PRINT EMPLOYEE NAME & TOTAL PAY WITH BASEPAY GREATER THAN 100000**

cat data.csv | awk '{if( $4>100000 ) print $2" "$7}'

EmployeeName TotalPay

NATHANIEL 567595

GARY 538909

ALBERT 335279

PATRICK 326373

DAVID 316285

DAVID 307899

JOANNE 302377

EDWARD 294580

**AGGREGATE TOTALPAY OF EMPLOYEES WHOSE JOB TITLE IS “CAPTAIN”**

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

1171796

**PRINT JOBTITLE AND OVERTIMEPAY WHO HAS OVERTIMEPAY BETWEEN 7000 TO 10000**

cat data.csv | awk '{if($5>7000 && $5<10000) print $3" "$5}'

DEPUTYCHIEF 9737

ASSTDEPUTY 8601

**PRINT AVERAGE BASEPAY**

cat data.csv | awk '{sum+=$4} {count+=1} END {print sum/(count-1)}'

172333

**PRINT LAST 4 FREQUENTLY ACCESS URLS COUNT IN SORTED ORDER FROM access.log**

$ cat access.log | awk '{print $7}'| sort | uniq -c | sort -r | head -4

199 /vendor.js

199 /scripts.js

199 /runtime.js

199 /favicon.ico

**PRINT LAST 10 UNIQUE SORTED CLIENT IP**

cat access.log | awk '{print $1}' | sort | uniq -c | sort -r | head -10

383 10.56.2.2

345 10.56.19.3

323 10.56.21.2

285 10.56.6.4

283 10.56.1.3

261 10.56.0.3

251 10.56.22.3

242 10.56.4.2

214 10.56.3.4

213 10.56.10.2

**PRINT LIST OF WEB RESPONSES CODE COUNT IN QNIQUE SORTED ORDER AT SPECIFIC HOURS**

cat access.log | awk '{print $4 " " $9}' | awk -F: '{if($2>6 && $2<15) print $4}' | awk '{print $2}' | sort | uniq -c | sort -r | head -4

2399 200

26 304

4 206

**PRINT LAST 4 FREQUENTLY ACCESS URLS COUNT IN SORTED ORDER FROM access.log**

**IN SPECIFIC HOUR**

cat access.log | awk '{print $4" "$7}' | awk -F: '{if($2>6 && $2<15) print $4}' | awk '{print $2}' | sort | uniq -c | sort -r | head -4

154 /favicon.ico

150 /vendor.js

150 /scripts.js

150 /runtime.js