1)



Answer:a)cat password.txt

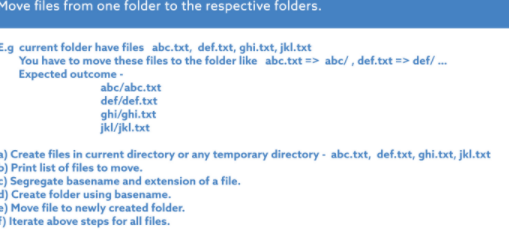
b)cat password.txt|awk –F:’{print $1}’

c) cat password.txt|awk –F:’{if(s3>1000)print $1}’

d) cat password.txt|awk –F:’{print $2}|awk –F{print $1}’

e) cat password.txt|awk –F:’{print $1,$6}’

2)



AnswerCode

!/bin/bash -X

for file in 'ls \*.txt';

do

folderName='echo $file |awk -F.{print $1}';

if[-d $folderName ];

then

rm -r $folderName;

fi

mkdir $$folderName;

cp $file $FolderName;

done

**2)d)Create a folder using the basename**

$ for file in ‘ls \*.txt

do

folderName=’echo $file|awk –F’{print $1}’;

mkdir $folderName;

done

Printing the Folders by using BaseName

**e)Move file to newly created folder**

for file in ‘ls\*txt’

do

folderName=’echo $file|awk –F,’{print $1};

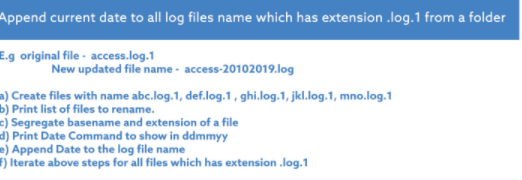
cp $folderName;

done

**f)iterate above for all files**

iterated the above for all the file and the solutions can be found above

3)



Answer Code:

1)!/bin/bash -X

for files in'ls \*.log.1';

do

folderName='echo $file |awk -F.{print $1}';

echo $folderName;

date;

day=02112020;

echo $folderName;

date;

day=02112020;

echo $folderName.$day.log;

done

**2)3)Append current date to all log files namewhchhaveexenon.log.1frromafolder**

**a)create files with name abc.log.1 ghi.log1 jkl.log1 mno.log1**

$touch abc.log.1 ghi.log1 jkl.log1 mno.log1

**b) print list of files to rename**

for file in’is \*log.1’

do

baseName=’echo $file|awk F.{print $1}’;

echo $baseName;

done

segrating extension of files created

for file in ‘ls \* log1’

do

extensionName=’echo $file|awk –F. {print $2,$3};

echo $extensionName;

done

**d)Print Date Command to show in ddmmyy**

$date +”%d%M%Y”

25102020

**e)Append Date to the log file name**

$now=’date +”%d%m%y”

$echo “$now”

25102020

#!/bin/bash

$now=date +”%d%m%y”

$echo”New updated file name-abc-$[now}.log”

New updated file Name-abc-25102020.log

**f)Iterate above steps for all files which has extension.log.1**

$echo \*def-${now}.log”

Def-25102020.log

$echo”ghi-{now}.log”

New updated file name-abc25102020.log

**4).Archive the files from /var/log folder which have been modified 7 days agao and move it to your backupfolder**

**a)identify files which have modified time greater than 7 days**

Answer:find –type f –mtime+7

**b)Move these files to the backup folder.**

$tar –xvf modify.tar

$tar.cvf doggie.tar\*

**5)Print last 4 frequently uris count in sorted order from/var/log/httpd/access.log**

**a)View/Var/log/httpd/access.log**

Answer:$cat access.log

**b)print field which has uris data**

Displaying only unique there were many commman uris $ cat access.lg|awk’/https””/{print $11}’|sort –u

**c)Sort extracted uries and count them**

$cat access.log|awk’/https.\*\*/{print $11}’|sort|uniq –c|sort –m

**d)print 4 uniqe uries**

$cat access.log|awk’/https.\*\*/{print $11}’|sort|uniq –c|sort –m|head –n4s

**7)Print list of web responses code count in the unique sorted order at specific hours**

$head access.log

b)Print web response code field which has given timestamp

$ cat access.log|awk’{print$9}’

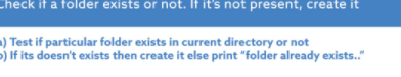
**c)sort extracted response code and count it**

$cat access.log|awk’{print $9}’|sort|uniq –c|sort –nr

**d)print 4 unique response code count**

$cat access.log|awk’{print $9}’|uniq|head –n 4

8)



!/bin/bash -X

If [ -d $testing ]

Then

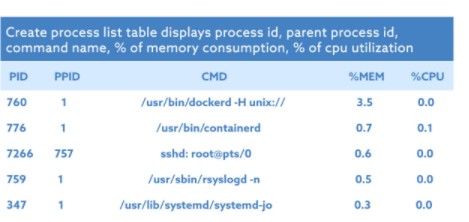
echo”file is exist”;

else

mkdir testing;

fi

9)

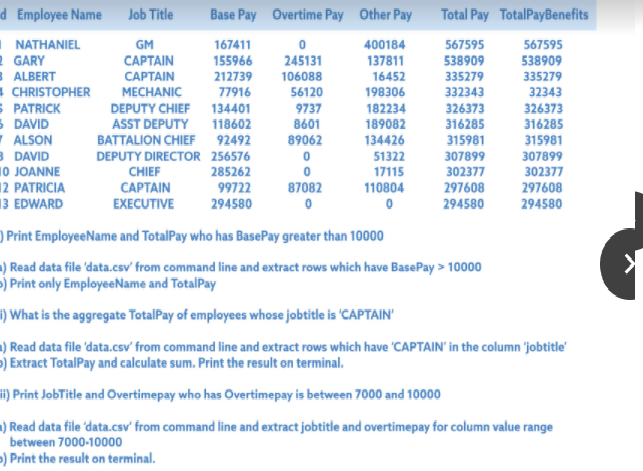


$ps

$ps –elf

$ps –elf pid,ppid,%men

$ps –elf pid,ppid,%men,%cpu

10)

1)cat data.csv|awk’{ if($4>10000)print$2,$7 }’

2) cat data.csv|awk’{ if($4>10000)print$0 }’

3)cat data.csv|awk’{print $2,$7}’

4)$cat data.csv|awk’{if($3==”CAPTAIN”)sum=+$7} END {print sum}’

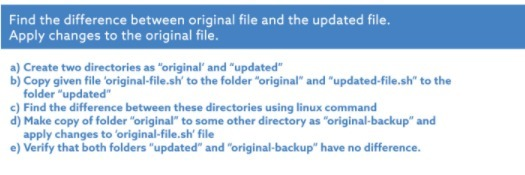
5)$cat data.csv|grep –icaptain|awk{print $0}’

6)$cat data.csv|awk’{if(sum=+$7)print $7} END {print”Sum=”sum}’

7)$cat data.csv|awk($3>7000 && $5<10000)||(s3<10000 && &5>7000){print $3,$5}

8)$awk –F’’NR >1{if(sum+=$4)}END{print”Average=”sum/(NR -1)}’data.csv

11)



a)$mkdir original updated

$ls

$original/updated/

b)$touch original-file.sh updated-file.sh

$cp original-file sh original

$ls original

Original-file.sh

$ls updated

$cp updated-file.sh updated

$ls updated

Updated.file.sh

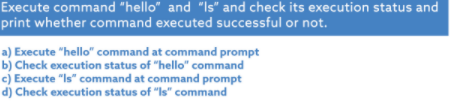
C)$diff or original updated

Only in original:original.file.sh

Only in updated :update-file.sh

d)cp –r original original-bakup

12)



1. $hello

Bash:hello:command not found

b)

hello

if[$? –eq 0 ]

then

echo”command executed successfully”

else

echo”command not executed success”

fi

c)ls

d)

ls

if[$? –eq 0 ]

then

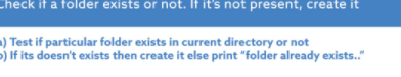
echo”command executed successfully”

else

echo”command not executed success”

fi

13)



!/bin/bash -X

If [ -d $testing ]

Then

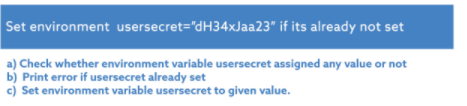
echo”file is exist”;

else

mkdir testing;

fi

14)



a)$ printenv usersecret

#usersecret enovironment variable has not been assigned any value

1. usersecret enovironment variable has not been assigned any value
2. usersecret=”dH34xJaa23”

$echo $ usersecret

dH34xJaa23

$printenv usersecret

$bash –c’echo $usersecret’

$export usersecret

$printenv usersecret

dH34xJaa23

or

$echo $ usersecret

usersecret=”dH34xJaa23”

$echo $ usersecret

dH34xJaa23