Day:- 2

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop

$ ls

batch436/ batch443/ desktop.ini

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop

$ cd batch443/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443

$ ls

linux-content/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443

$ cd linux-content/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ ls

README.md data.csv linux\_chit\_sheet.pdf sample/

access.log demo/ linux\_problem\_sheet.pdf test/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/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

14 NANDA DEVELOPER 10000 0 0 10000 10000

15 POOJA DEVELOPER 12000 2000 2000 16000 16000

16 SARA DEVELOPER 8000 500 500 9000 9000

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ cd

abagd@LAPTOP-PU23RO1Q MINGW64 ~

$ cd /

abagd@LAPTOP-PU23RO1Q MINGW64 /

$ ls

LICENSE.txt cmd/ git-bash.exe\* proc/ unins000.exe\*

ReleaseNotes.html dev/ git-cmd.exe\* tmp/ unins000.msg

bin/ etc/ mingw64/ unins000.dat usr/

abagd@LAPTOP-PU23RO1Q MINGW64 /

$ cd ~

abagd@LAPTOP-PU23RO1Q MINGW64 ~

$ cd Desktop/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop

$ ls

batch436/ batch443/ desktop.ini

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop

$ cd batch443/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443

$ ls

linux-content/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443

$ touch .env

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443

$ ls

linux-content/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443

$ ls -a

./ ../ .env linux-content/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443

$ notepad .env

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443

$ ls

linux-content/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443

$ grep USENAME .env

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443

$ grep USERNAME .env

USERNAME=nandhak907@gmail.com

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443

$ cd ../dsms\_project/

bash: cd: ../dsms\_project/: No such file or directory

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443

$ cd ../dsms\_project/

bash: cd: ../dsms\_project/: No such file or directory

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443

$ ls

linux-content/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443

$ cat .env

USERNAME=nandhak907@gmail.com

password=12345

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443

$ cd ../batch443/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443

$ cd linux-content/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ ls

README.md data.csv linux\_chit\_sheet.pdf sample/

access.log demo/ linux\_problem\_sheet.pdf test/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ find .-size +5M

find: ‘.-size’: No such file or directory

find: ‘+5M’: No such file or directory

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ find . -size +5M

./.git/objects/pack/pack-e507e6a537bb10712e329e38cf0b222a93ccffc7.pack

./linux\_chit\_sheet.pdf

./linux\_problem\_sheet.pdf

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ ls -a

./ README.md demo/ sample/

../ access.log linux\_chit\_sheet.pdf test/

.git/ data.csv linux\_problem\_sheet.pdf

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ cd .git/objects/pack/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content/.git/objects/pack (GIT\_DIR!)

$ ls

pack-e507e6a537bb10712e329e38cf0b222a93ccffc7.idx

pack-e507e6a537bb10712e329e38cf0b222a93ccffc7.pack

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content/.git/objects/pack (GIT\_DIR!)

$ cd ../../

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content/.git (GIT\_DIR!)

$ ls

HEAD description index logs/ packed-refs

config hooks/ info/ objects/ refs/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content/.git (GIT\_DIR!)

$ cd ..

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ echo Hello

Hello

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ echo Hello World

Hello World

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ echo Hello World | awk '{ print $0 }'

Hello World

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ echo Hello World | awk '{ print $1 }'

Hello

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ echo Hello World | awk '{ print $2 }'

World

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ echo Hello World | awk '{ print $3 }'

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ echo Hello World | awk '{ print $-1 }'

awk: cmd. line:1: (FILENAME=- FNR=1) fatal: attempt to access field -1

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ echo Hello World | awk '{ print $0 }'

Hello World

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ echo Hello World | grep '{ print $0 }'

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ echo Hello World GOOD MOrning | awk '{ print $3 }'

GOOD

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ echo Hello World GOOD MOrning | awk '{ print $2 }'

World

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ echo Hello World GOOD MOrning | awk '{ print $4 }'

MOrning

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ echo Hey Swapna How are you ? | awk '{ $1="Yes"} { $2="Nanada"} { $3="I"} { $4="am"} { $5="good"} { $6=";)"} { print $0 }'

Yes Nanada I am good ;)

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ echo Hey Swapna How are you ? | awk '{ $1="Yes"} { $2="Swapana"} { $3="I"} { $4="am"} { $5="good"} { $6=";)"} { print $0 }'

Yes Swapana I am good ;)

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ ls

README.md data.csv linux\_chit\_sheet.pdf sample/

access.log demo/ linux\_problem\_sheet.pdf test/

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ cat data.csv

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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

14 NANDA DEVELOPER 10000 0 0 10000 10000

15 POOJA DEVELOPER 12000 2000 2000 16000 16000

16 SARA DEVELOPER 8000 500 500 9000 9000

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ cat pooja data.csv

cat: pooja: No such file or directory

Id EmployeeName JobTitle BasePay OvertimePay OtherPay TotalPay TotalPayBenefits

1 NATHANIEL GM 167411 0 400184 567595 567595

2 GARY CAPTAIN 155966 245131 137811 538909 538909

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15 POOJA DEVELOPER 12000 2000 2000 16000 16000

16 SARA DEVELOPER 8000 500 500 9000 9000

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ grep pooja data.csv

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ grep pooja data.csv

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ grep POOJA data.csv

15 POOJA DEVELOPER 12000 2000 2000 16000 16000

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ cat data.csv | grep POOJA | awk '{ print $2 " " $3 }'

POOJA DEVELOPER

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ cat data.csv | grep POOJA | awk '{ print $2 "=====> " $3 }'

POOJA=====> DEVELOPER

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ cat data.csv | grep POOJA | awk '{ print $2 " " $3 }'

POOJA DEVELOPER

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ cat data.csv | grep POOJA | awk '{ print $2 " " $3}'

POOJA DEVELOPER

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ cat data.csv | grep NATHANIEL | awk '{ print $3}'

GM

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ cat data.csv | grep 1 | awk '{ print $3}'

GM

CAPTAIN

CAPTAIN

MECHANIC

DEPUTYCHIEF

ASSTDEPUTY

BATTALIONCHIEF

DEPUTYDIRECTOR

CHIEF

CAPTAIN

EXECUTIVE

DEVELOPER

DEVELOPER

DEVELOPER

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ cat data.csv | grep 2 | awk '{ print $3}'

CAPTAIN

CAPTAIN

MECHANIC

DEPUTYCHIEF

ASSTDEPUTY

BATTALIONCHIEF

DEPUTYDIRECTOR

CHIEF

CAPTAIN

EXECUTIVE

DEVELOPER

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ cat data.csv | grep 1 | awk '{ print $1}'

1

2

3

4

5

6

7

8

10

12

13

14

15

16

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ cat data.csv | grep 1 | awk '{ print $2}'

NATHANIEL

GARY

ALBERT

CHRISTOPHER

PATRICK

DAVID

ALSON

DAVID

JOANNE

PATRICIA

EDWARD

NANDA

POOJA

SARA

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ cat data.csv | grep 1 | awk '{ print $3}'

GM

CAPTAIN

CAPTAIN

MECHANIC

DEPUTYCHIEF

ASSTDEPUTY

BATTALIONCHIEF

DEPUTYDIRECTOR

CHIEF

CAPTAIN

EXECUTIVE

DEVELOPER

DEVELOPER

DEVELOPER

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ cat data.csv | grep 1 | awk '{ print $4}'

167411

155966

212739

77916

134401

118602

92492

256576

285262

99722

294580

10000

12000

8000

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ cat data.csv | grep 1 | awk '{ print $5}'

0

245131

106088

56120

9737

8601

89062

0

0

87082

0

0

2000

500

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ cat data.csv

Id EmployeeName JobTitle BasePay OvertimePay OtherPay TotalPay TotalPayBenefits

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13 EDWARD EXECUTIVE 294580 0 0 294580 294580

14 NANDA DEVELOPER 10000 0 0 10000 10000

15 POOJA DEVELOPER 12000 2000 2000 16000 16000

16 SARA DEVELOPER 8000 500 500 9000 9000

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

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

35000

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$ cat data.csv | grep DEVELOPER | awk '{ total+=$7 } END { print total/3}'

11666.7

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

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

11666.7

abagd@LAPTOP-PU23RO1Q MINGW64 ~/Desktop/batch443/linux-content (master)

$