Bash commands

Echo $0 : to see the shell in your system

Cat /etc/shells : to see all available bashes

#this is comment in bash file

<<comment

This is multi line comment

Comment

Readonly variablename=”content” : now this variable is constant variable

myArray=(1 56 78 Hello “hey ella”) example of an array

echo “${#arrayname[\*]}” : to print any array in bash here \* means everything if you want any particular value then write index number of the value

echo “${#arrayname[\*]}” : to print length of any array same for strings

echo “${#arrayname[\*]:2:2}” : Values from index 2 to and two values including index 2

arrayname+=(45 78 87) : to update any array

declare -A keypair

keypair=([name]=Aradhya [age]=22 [city]=Mumbai [animal]="cat dog lion tiger") : to create a key value pair inside an array

uppercase is ${myvar^^} for uppercase

lowercase is ${myvar,,} for lowercase

newvar=${myvar/Buddy/Aradhya}: to change any word from myvar

silce=${myvar:6:11}: to slice the string

read name : to ask input and interact with user

read -p "what is your age?" age: alternate for above

let variablename=89\*56: to perform arithmetic operations

echo “add $(($x+$y)) : alternate for above

read -p "Enter your marks:" marks

if [[ $marks -gt 25 ]]

then

echo "you have passed the exam"

else

echo "you have failed the exam”

fi

-eq/== :equal used for string matching

=~ : is used to matching regex pattern

-ge : greterthenorequalto

-le: lessthenorequalto

-ne/!= : notequal

-gt greater then

-lt: lessthen

#!/bin/bash

echo "hey choose an option"

echo "a= To see the current date"

echo "b= To see all the files in current dir"

read choice

case $choice in

a)date;;

b)ls;;

c)pwd;;

\*)echo "please provide correct value"

Esac : for case option

read -p "What is your age?" age

read -p "Your country: " country

lower=${country,,}

if [[ $age -ge 18 ]] && [[ $lower == "india" ]] #here we can use || is or operator

then

echo "You can vote"

else

echo "You can't vote"

fi: conditional operator && ||

cat test.csv | awk “NR!=1 {print}” : to now show the first line in csv file here 1 represents the number of row needed to omit