===========Session 1\*\*\*ASSIGNMENT==============

1. Write how many types of shells?

1. Broune shell

2. korn shell

3. C shell

4. T shell

5. Z shell

6. Bash shell

2. Create a shell script file.

gedit <file\_name.sh>

3. Create a shell script file and execute (hello world)

gedit file1.sh

>> echo "Hello World"

Then ctrl + s and ctrl + q

>> ./file1.sh

>> ls -l

>> chmod u+x file1.sh

>> ./file1.sh

4. Create a shell script and take the user permission to execute the file.

gedit file2.sh

>> echo "Hello World"

Then ctrl + s and ctrl + q

>> ./file2.sh

>> ls -l

>> chmod u+x file1.sh

>> ./file2.sh

5. How to switch one shell to another shell.(copy and paste)

First, find out the available shells on your Linux box, runcat /etc/shells

Type chsh and press Enter key

You need to enter the new shell full path. For example, /bin/ksh

Log in and log out to verify that your shell changed correctly on Linux operating systems

>> cat /etc/shells

>> grep "zsh" /etc/shells

>> grep "fish" /etc/shells

6. By using sha-bang execute one file.

>>gedit file4.txt

>> #!/bin/sh

>> echo "Hello!"

ctrl + s and ctrl + q

>> sh file4.sh

7. Consider the following variable declaration

echo name ==>name

echo $name ==>valid

echo '$name' ==>$name

echo "$name"===>valid

>> gedit file5.sh

>> #!/bin/sh

>> name="Anjali"

>>echo $name

>>if [$name= "Anjali"]

>>then

>>echo "Yes"

>>else

>>echo "No"

>>fi

8. To print the number of files in the current working directory

>> pwd

>> ls

9. To display the number of lines present in the file

>> wc -l sum.sh

10. print current working directory.

>> pwd

11. write a script to read employee details and save to the emp.txt file.

>> gedit file6.sh

>> read -p "Enter the employee name: " name

>> read -p "Enter the employee address: " adr

>> read -p "Enter the employee phone: " phn

>> read -p "Enter the employee salary: " sal

>> echo "$name"

>> echo "$adr"

>> echo "$phn"

>> echo "$sal"

ctrl + s and ctrl + q

>> ./file6.sh

>> ls -l

>> chmod u+x file6.sh

>> ./file6.sh

12. write a script to read name from the end user and if name is sathyathen display

Some special messages.

>> gedit file7.sh

>> read -p "Enter the name: " name

>> if [$name="sathaya"]

>> then

>> echo "How are you Sathaya"

>> else

>> echo "not matching"

>> fi

13. Write a simple if else statement.

>> gedit file8.sh

>> read -p "Enter a number: " n

>> if [$n=10]

>> then

>> echo "this is Ten"

>> else

>> echo "Not Ten"

>> fi

14. write a simple case Statement.

read -p "enter any digit from 0 to 9: " n

case $n in

0)

echo "this is Zero"

;;

1)

echo "this is one"

;;

2)

echo "this is two"

;;

3)

echo "this is three"

;;

4)

echo "this is four"

;;

5)

echo "this is five"

;;

6)

echo "this is six"

;;

7)

echo "this is seven"

;;

8)

echo "this is eight"

;;

9)

echo "this is nine"

;;

\*)

default echo "nothing"

;;

esac

===========Session 2\*\*\*ASSIGNMENT==============

1. Create a local git repository

>> mkdir myrepo

>> cd myrepo

>> git init

2. Commit the initial code

>> git add .

>> git commit -m "message"

3. Update the code

>> cat>>file.txt

//add some text

>> cat file.txt

4. Use git commands to

git config

git init

git clone

git add

git commit

git diff

git reset

git status

git rm

git log

git show

git tag

git branch

git checkout

git merge

git remote

git push

git pull

git stash

5. List the changes

>> git diff

6. Create branch

>> git branch <branch\_name>

7. Merge branch

>> git checkout master

>> git merge <branch\_name>