ASSIGNMENT -3

* Write how many types of shells.
* C shell
* T shell
* Bounce shell
* Bash shell
* Z shell
* Korn shell
* Create a shell script file.
* Create a file using g editor—gedit ex.sh
* Open the editor and write some code and press ctrl+s then ctrl+q
* Execute the file using command sh ex.sh
* Create a shell script file and execute (hello world)
* Create a file using geditor – gedit hello.sh
* Open the editor and write the code
* Echo “Hello World”
* And press ctrl+s and ctrl+q
* Execute the file using command ./hello.sh
* This will give an error that provide some permission to user to execute the file .
* Give permission to the user to execute the file using chmod u+x hello.sh
* Now execute the command ./hello.sh

Ans🡪 Hello World

* Create a shell script and take the user permission to execute the file.
* Create a file using geditor as gedit ex1.sh
* Now write ./ex1.sh
* Ls –l ex1.sh
* Chmod u+x ex1.sh
* Ex1.sh
* How to switch one shell to another shell.(copy and paste)

With the help of ctrl+shift+c we can copy from one shell and with the help of

ctrl+shift+v we can paste to another shell.

* By using sha-bang execute one file.
  + Gedit filename.sh
  + !#/bin/sh
  + Echo “hello”
  + Sh.filename.sh

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

* Use Command - ls

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

* Use command – wc -l

10 Print current working directory

* Use command - pwd

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

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

read –p “enter the name of user:”A

if [ $A = “sathya”]

then

echo “$A”

else

echo “no user”

fi

13 Write a simple if else statement

Read –p “Enter the name :” A

If [$A = “NIharika”]

Then

Echo “Hello $A “

Else

Echo “Hello Guest”

Fi

14 Write a simple case statement.

* Read –p “enter number 0 to 9:”n
* Case $n in
* Option 0)
* Echo ”Zero”
* ;;
* Option 1)
* Echo ”One”
* ;;
* Option 2)
* Echo ”Two”
* ;;
* Option 3)
* Echo ”Three”
* ;;
* Option 4)
* Echo ”Four”
* ;;
* Option 5)
* Echo ”Five”
* ;;
* \*)
* Echo “Please enter the number from 1 to 5”
* Esac

Session-2

1. Create a local git repository

Command - Git init

1. Commit the initial code

Create a directory “Projectofgit” to contain the project.

Go into the new directory and create file “test.txt”.

Type git init .

Touch test.txt

Cat << test.txt

Write some code or message

Type git commit

Command- git commit –m “filename”

1. Update the code

Command - Git commit –a –m “updated abc.txt file”

1. Use git commands to Get the updated files

Command -Git status

1. List the changes

Command - Git log

1. Create branch

Command - Git branch alpha(branch\_name)

1. Merge branch

Command- Git Checkout –b beta





