**Shell Practice Assignments.**

**1. Write a shell script to determine char entered is vowel or not?**

**2.Display help of command accepted from user**

**3.Menu driven shell script for**

**a.Date**

**b.Copy.**

**c.List Directory Contaent**

**d.Quit**

**4.Write a shell script to display content of each ordinary file in directory**

**5. Write a shell script to store currently logged users into a file in an ascending order**

**6. Write a shell script to accept filename and directory name. The accepted filename should be searched into current directory and if it exists it should be copied into specified directory.**

**7. Write a shell script to accept two strings and compare them**

**8. Write a shell script display addition of 10 accepted numbers from user**

**9. Write a shell script to display following data:**

**LOGIN NAME  
 PROMPT**

**PATH**

**10. Write a shell script that will display the names of all directory files but no other types of files in working directory**.

**11. Write a shell script to print all prime numbers from 1 to 100.**

**12. Write a shell script to print tables of all numbers from 2 to 10.**

**13. Write a menu driven shell script to add, subtract, multiply and divide two numbers and display result.**

**14. Write a shell script to print Fibonacci series of 3 terms.**

**15. Write a shell script to accept a number and print if it is multiple of 7.**

**16. Write a shell script to find out maximum number out of 15 numbers.**

**17. Write a shell script to accept a number and print sum of its digits.**

**18.** Write a Shell Script in Linux to accept two numbers as command line parameter and print the series using the function shown below:

X + 2 X + 3

S = 1 + ------- + -------- +….

2 3

**19.** Develop a Program to get the following triangle. Store the output in first.txt file.

\*

\*\*

\*\*\*

\*\*\*\*

\*\*\*\*\*

It should also generate the following triangle. The triangle should be stored in second.txt file

\*

\*\*

\*\*\*

\*\*\*\*

\*\*\*\*\*

**20.** Write a shell script to display given pattern using loop:

1

2 3

4 5 6

7 8 9 10

**21.** Write a shell script using case structure (menu driven) which have following functionalities:

1. Search a file and print the contents of file (given by user)
2. Take a specific word from user and print how many times the word appears in a file.

Create another file in reverse order.

**22**. Write a shell script using case structure (menu driven) which should have following functionalities:

i) Take a string from user

ii) Count length of String

iii) Remove blank spaces from the string

iv) Add Today’s date at the middle of the string

**23.** Write a shell script which take the name of the directory and writes name of the all files including files of its sub-directory into the text file separated by “,”.

**24.** Write script to determine whether a given file exists or not. File name is supplied as command line argument. Also check for sufficient number of command line arguments. If the file exists, print its size.

**25**. Accept a number at command line and print the multiplication Table..

(Use While Loop)