

System Management

LAB – 5

SHELL SCRIPTING

Objective – AIM of this assignment to learn shell programming with different commands.

This assignment is based on shell programming and shell scripting

- 1) Write a shell script to accept three integer numbers and display the largest.
- 2) Write shell Script to find Number of Files in a Directory.
- 3) Write a shell script to display first ten positive numbers using until loop.
- 4) Write a shell script to check if a particular user has logged in or not. If not, continue the loop till he/she logins. Once the required user logins display a message.
- 5) Write a shell script to accept the name, grade and basic salary from the user. Write the details into a file called employee, separating the fields with a colon (,) continue the process till the user wants.
- 6) Write a menu driven program to display a menu of options and depending upon user's choice. Execute the associate command.
- 7) Write a shell script to check whether a file is existing or not.
- 8) Write a shell script to find the mode of a file in dictionary.
- 9) Write a shell script which accepts the different numbers and find their sum.
- 10) Write a shell script to calculate the total salary payable to all the employs from the employee file. The salary should be taken from the 8th field of the employee file.
- 11) Write a shell script to copy the source file to the target file.
- 12) Write a shell script to print the first 10 odd numbers using the while loop.
- 13) Write a shell script to generate the factorial of a given number entered through keyboard.
- 14) A five-digit number is input through the keyboard. Write a shell script to calculate the sum of its digit.
- 15) Write a shell script to generate the Fibonacci series.
- 16) write a shell script to reverse the digit of given number.

NO NEED to attach any kind of screen shots for Linux commands.

(i) All students please read Command details which attached with lab 3 4 notes pdf and shell ppt. (ii) Submit ion format will be same as previous assignments use “LAB-4 Assignment” in place of LAB 1 or 2,3,4 with your roll no.

