

**GLS UNIVERSITY**  
**BACHELOR OF COMPUTER APPLICATIONS (BCA)**  
**SEMESTER IV**  
**210301407 Linux Shell Scripting**  
**Practical Assignment Unit 1 and 2**

**Q.1** Write a shell script to execute following commands

- 1.How would u display the hidden files?
- 2.How to delete directory with files?
- 3.How would user can do copying?
- 4.How would user can do deletion of files?

**Q. 2 Do as follow.**

Write a shell script to execute following commands

1. Create the directories
2. Create a file called text and store name,age and address in it.
3. Display the contents of the file text on the screen.

**Q.3 do as follow.**

- 1) write a shell script to check entered file name is directory or not.
- 2) Write shell script to check entered number is even or odd.
- 3) Write shell script to print 1 to 25 numbers using for and while loop.
- 4) write shell script to print even number between 50 to 100.
- 5) Write shell script to enter marks of three subjects calculate total, percentage and grade as per condition.
- 6) Write a shell script that enter a word and find whether it is a vowel or a digit.

- 7) Write a shell script to calculate the age of the employee, if he enters born year.
- 8) Write shell script to enter three numbers from user and perform all arithmetic operation.
- 9) write a shell script to enter a name of directory and check whether it exists or not.
- 10) write a shell script to find max number between two numbers.
- 11) Write shell script to find min number from three numbers.
- 12) write shell script to swap two numbers.
- 13) Write shell script to create menu and perform arithmetic operations
  1. Add
  2. subtract
  3. Multiplication
  4. Division
- 14) Write shell script to copy one file content to another file.
- 15) Write shell script to calculate area of circle and rectangle as per user choice. User press 1 – area of circle  
2- area of rectangle
- 16) write shell script to find factorial of user entered number.
- 17) write shell script to enter a number (1-7) and print a day of that number(1. Sunday 2. monday and so on...).
- 18) Write a program to enter marks of three subjects and calculate total and percentage and result. (Result should be pass/fail condition).
- 19) write a shell script to enter a name of any file and directory and check entered name is file or directory.

20) write a shell script to read a file content from another file.