1. Write a shell script to read two strings and compare them. Display suitable messages.
2. Write a shell script to read a name from user. Check whether the name exists as a file or folder. If it exists as a file, display the suitable message along with the properties of the file (Readable, Writable & Executable).
3. Write a shell script to implement a simple calculator which has the four basic operations: Addition, Subtraction, Multiplication and Division.
4. Write a shell script to calculate the factorial of a given number.
5. Write a shell script to calculate the age of a person (Year, month and day) when the user provides the date of birth in dd/mm/yyyy format.
6. Write a shell script to calculate the time difference in seconds when two time values are provided in hh:mm:ss format.
7. Write a shell script to convert the given length in inches to feet and display it.
8. Write a shell script to the do the following task. Write a C programme to read multiple lines of input from user and store it in a file file1.txt. Execute this C programme in shell script. Now ask the user to enter a search pattern and search the pattern in the file file1.txt. Store the lines which contain the search pattern into another file file2.txt. Provide the user to view both files using menu option in shell script.