

1. Write a shell script to display all odd and even numbers using various loops available(for, while and until).
2. Write a menu driven shell script for basic arithmetic operations.
3. Write a shell script to generate Fibonacci numbers from 1 to n.
4. write a shell script to generate prime number from 1 to n, where n any positive integer number by user.
5. Script to display patten.

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6. Write a menu driven shell script for remove, rename, copy and modify a file.
7. Write a script to reverse a six-digit number.
8. Write a menu driven shell script to find area of rectangle, triangle, and circle.
9. Write a script to print message like good morning, good afternoon,etc according to the current time.
10. Write a menu driven shell script for storing employee information (like add, modify, delete, display info).
11. Write a script to print content of the file if file exists otherwise print appropriate message.
12. Write a script to check the string entered by user is palindrome or not.
13. Write a script to check given number is prime or not.
14. Write a script to display the student marksheet in appropriate format.
15. Basic salary of a person is input through the keyboard. His dearness allowance is 40% of basic salary and house rent is 20% of basic salary. Write a program to calculate the gross pay.
16. The distance between two cities is input through the keyboard. (in km). Write a program to convert this distance into metres, feet, inches and centimetres and display the results.
17. The script will receive the filename or filename with its full path, the script should obtain information about this file as given by "ls -l" and display it in proper format.
e.g., Filename : , File access permissions : , Number of links : , Owner of the file : , Group to which belongs : Size of file : , File modification date : , File modification time : .
18. If cost price and selling price of an item are entered through the keyboard, write a program to determine whether the seller has made profit or loss. Also determine how much profit/loss is made.
19. The script receives two file names as arguments, the script must check whether the files are same or not, if they are similar then delete the second file.
20. Write a shell script to display the menu driven interface :- 1) list all files of the current directory 2) print the current directory 3) print the date 4) print the users otherwise display "Invalid Option".
21. Two numbers are entered through the keyboard, find the power, one number raised to another.

22. Write a script which has the functionality similar to head and tail commands.
23. The script displays a list of all files in the current directory to which you have read, write and execute permissions.
24. The script receives any number of filenames as arguments. It should check whether every argument supplied is a file or directory. If it is a directory, it should be reported.
If it is a filename then name of the file as well as the number of lines present in it should be reported.
25. Display the dates falling on Sundays of the current month.