

Assignment 1

1. Write a shell program to find out whether a supplied number is an odd or even number.
2. Write a shell program which accepts two file names as command line arguments and check whether contents of those files are same or not. (Hint: See ***man cmp***)

3. Write a menu driven program which has following options:

- 1 Contents of /etc/passwd
- 2 Lists of users who have currently logged in
3. Present working Directory
4. Exit

Use **Case** statement.

4. Write a shell program to check whether a given file has read, write and execute permission.

5. Write a shell script which will automatically get executed on logging in. The script should display present working directory and system time. (Hints. Add the script at the end of /etc/bashrc)

6. Write a shell script to count the number of lines, words and character in a file.
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7. Write a c program which creates a child process and child gets replaced by some another process like **ls**.

Learn the following commands:
grep, tr, wc, ps , rm, mkdir.