

1. How to write down the conditional statements in bash shell using logical and relational operator?
2. Write a shell program to find whether a given year is a leap year or not.
3. Write a shell program to display the prime number between 1 and hundred.
4. Execute the "ps -ef" and "ps -ux" command. Write a shell program that takes the output of these two commands and display the detail about a process whose parent id is 2. The detail about a process will be shown as it is shown during the execution of "ps -ux" command.
5. Write a shell script to extract the data from the date command, and display the result in numerical form with 12 hour format. (if the date command gives "Thu Jan 2 14:21:54 IST 2014" then display the result in "02/01/2014/2:21:54 PM")
6. Let a directory present in the home directory called "XYZ" that consists of few files and directories. Write a shell script to move all the files present in the "XYZ" directory to a subdirectory called "MyFile" and all the subdirectories present in the "XYZ" directory to a subdirectory called "MyDir"
7. Write a shell script to reverse a given integer.
8. Write a shell script to verify whether the given string is a palindrome or not.
9. Write a shell program which takes maximum 8 integer type arguments through command line and do the following operation:

If the first argument/last result (a) is divisible by second argument (b)
then new result=a/b

Else If (a%b != 0) and b is divisible by 5 then new result=a*b

Else if (a>b) then new result=a-b

Else new result=a+b