

Assignment submission date: 20-10-2016.

Shell Programs

1. Implement a shell script to print the depth of the directory the cursor is present. For example, /home/user1/python/ the depth level is 3. /home/user1 depth level is 2.
2. Implement a function in shell for finding the numbers of users present in the system.
3. Write an HTML code generator using Shell
4. Assuming there is a file with a stock sale with fields ITEM, QTY, PRICEPERITEM. Assume the user input is the item and qty, Calculate the total cost of the purchase of an user. [use awk and shell constructs]
5. Using find command find the list of pdf and jpeg files. Also list their count.
6. Implement an shell script to find the file size in a directory which is maximum and minimum.
7. Implement a shell script to find the hostname, disk used, disk free, linux kernel and variant as a menu driven program.
8. Write a shell script to check a given string is a palindrome or not. [Use for loop and array concept]
9. Implement an HTML file using shell script to list the files in the directory with filesize etc.Similar to output of (Ls -l).
10. Implement a shell script to check if the file is normal file or a special file.
11. Implement a shell script to check a protein file(download a protein file). Check whether a sequence is present in the file or not.[use regular expression and file concept]
12. Implement a menu driven shell script to a) add a user b) delete a user c) chown of a directory