OS Lab Assignment - 11

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Section -: C

Roll No. -: 11

Subject -: Operating System Lab (BCSC 0803)

Submitted To -: Ms. Nidhi

Write the shell script to take file name as input and if the file exists then print the number of lines and also print 10th line of that file.

```bash
# !/usr/bin/bash
clear

# Enter File name for see result
read -p "Input file Name :" File_Name

# To Make sure that the file exist
if [ ! -f $File_Name ]
then
        echo "$File_Name does not exist."
        exit   # If condition is true then exit the script
fi

# use cat command for display file content
echo "-------------------------------------------------------------------------------------------------------"
cat -n $File_Name
echo -e "\n-------------------------------------------------------------------------------------------------------"
# wc command for display number of line
echo -e "Number of lines :$(wc -l $File_Name | cut -d " " -f 1)"

# use sed command for display 10th line
echo "10th Line : $(sed -n '10p' $File_Name)"
```

OUTPUT:

```
insane_banda@ENIGMA: /media/insane_banda/D/B.TECH-CS/SEM III/OS/ASSIGNMENT-12
Input file Name :file.txt
------------------------------------------------------------------------------------------------------------
     1  Hey PiyushKe!
     2
     3  A sign in attempt requires further verification because we did not recognize your device.
     4
     5  To complete the sign in, enter the verification code on the unrecognized device.
     6  Device: Chrome on Linux
     7  Verification code: 160795
     8
     9  If you did not attempt to sign in to your account, your password may be compromised.
    10  Visit https://github.com/settings/security to create a new, strong password for your GitHub account.
    11
    12  If you'd like to automatically verify devices in the future, consider enabling two-factor authentication on your account.
    13  Visit https://docs.github.com/articles/configuring-two-factor-authentication learn about two-factor authentication.
    14
    15  If you decide to enable two-factor authentication, ensure you retain access to one or more account recovery methods.
    16  See https://docs.github.com/articles/configuring-two-factor-authentication-recovery-methods in the GitHub Help.
    17
    18  Thanks,
    19  The GitHub Team
------------------------------------------------------------------------------------------------------------
Number of lines :18
10th Line : Visit https://github.com/settings/security to create a new, strong password for your GitHub account.

      /media/insane_banda/D/B.TECH-CS/SEM III/OS/ASSIGNMENT-12  on  master *1 ?7        ✓  took 3s  at 08:57:54 AM
```