## **Linux Assignments**

Submitted by Senjila.s

## Linux Assignments

1) Create 2 users & add them in group sales. Give group ownership to folder /home/consultants. Apply 2774 permission & o+t sticky bit. Test the permissions.

## Output:

```
freesoffices that the plant was a second of the second of
```

2) Modify above user :Uid = 2000Shell = /sbin/nologin

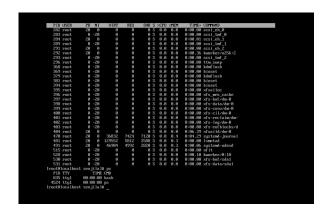
Comment = Sales output:

```
foodBlootBost "IN tall-02 /ntc/pessed
back tall-03 command not formed
frootBlootBost "In tall -03 /ntc/pessed
Ex:5802:1804:1/bost-22-bin-04-02-bin-04-03
silv:0308:1806:seles:/home-211/obin-0algin
silv:0308:1806:seles:/home-211/obin-0algin
trootBlootBost-31
```

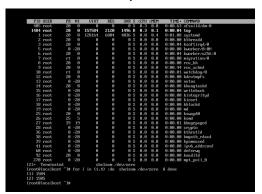
3) Add 5GB HDD to VM, Format it with ext4 & mount on /data Mount point.

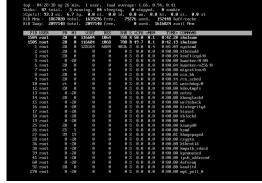
```
-bash: admin: command and found
frontifications thereof of admin
-bash of admin: No much file or directory
in the state of admin: No much file or directory
in the state of admin: No much file or directory
in the state of admin to the state of administration of adm
```

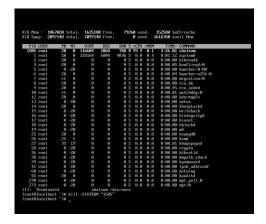
5) Create a process & practice PS & Top Utility



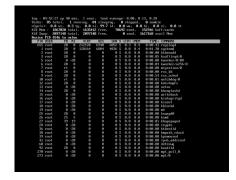
6) Create jobs Practice Kill , fg,bg, SIGTERM,SIGSTOP,SIGCONT commands CREATE a process:

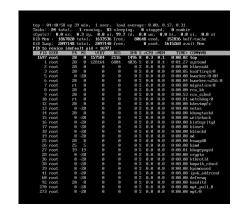






7) Practice Nice & Renice commands





8) Copy files from /home/consultants to /tmp

```
feesible-sibet bush of committee testification consistent and the cast if it is one fit if or directory frontification consistent and of x my fite cast if it is one fit for of feesing frontification consistent and the cast is my fite-test frontifications consistent and fite frontifications common of the cast is fit frontification common for the cast is fit frontification common fit frontification committee frontification committe
```

9) Create a Nesting Directory structure – practice touch,rm,rmdir,mv,cat,ls,head,tail commands output:

```
249 may 1s
269 milet: /temp/directory
251 milet: /temp/directory
253 milet: /temp/directory
253 milet: /temp/directory
254 of sentility
255 of sentility
256 is
257 of sentility
258 touch as
252 my ba as
252 my ba as
252 my ba as
253 my ba as
254 my ba as
255 my ba as
256 my ba as
257 my ba as
258 my ba as
259 my ba as
250 my ba
```

10) Write shell scripts to create 10 users listed in userlist file with shell as /bin/false

```
## "Invalid Arguement."

4 elif [[$] == create ]]; then

5 for in 'cat /home/shell/createu'

6 do

7 useradd -s /bin/false "$i"

8 done

9 else

10 with "Invlid file name."

11 fil

Invalid Arguement.

...Program finished with exit code 0

Press ENTER to exit console.
```

11) Write a Bash script to take backup of /etc/passwd file **program:** 

```
#!/bin/bash echo Enter filename where to create backup:
read file if [ -f $file ];
then cat /etc/passwd > "$file"
else tail -n5 /etc/paswd >> "$file" fi
output:
```

12) Write a bash scripts to print numbers from 1 to 100

```
program:
    for (( i=1; i<=100; i++ ))
    do
        echo -n "$i "
    done
        echo ""</pre>
```

output:

```
sepila.sebela.lbp-277560-5 cax = 12th.dh
sepila.sebela.lbp-277560-5 cax = 12th.dh
sepila.sebela.lbp-277560-5 chood anx 12th.sh
sepila.sebela.lbp-277560-5 chood anx 12th.sh
sepila.sebela.lbp-27760-5 c./12th.sh
sepila.sebela.lbp-2760-5 c./12th.sh
sepila.sebela.lbp
```

13) Write a bash script to print odd number

```
program:
```

```
#!/bin/bash
counter=1
while [ $counter -le 100 ]
```

```
do
    if [ $(($counter % 2)) != 0 ]
        then
            echo $counter
        fi
((counter++))
done
output:
```

14) Write a bash script to check whether file Exists or not in current directory program:
 echo enter the file name
 read filename
 if [ -f "\$filename" ]
 then
 echo the file you entered exits!!
 else
 echo the file dont exist !!
 fi

```
Activities Terminal 

senjila.s@del1-lhp-n77160:-$ cat > 14th.sh
senjila.s@del1-lhp-n77160:-$ chmod a+x 14th.sh
senjila.s@del1-lhp-n77160:-$ ./14th.sh
enter the file name
error
the file you entered exits!
senjila.s@del1-lhp-n77160:-$ ./14th.sh
enter the file name
senjila
the file dont exist !!
senjila.s@del1-lhp-n77160:-$ [
```

15)

Write a bash script to check whether number is less than, equal to or greater that  $10\,$