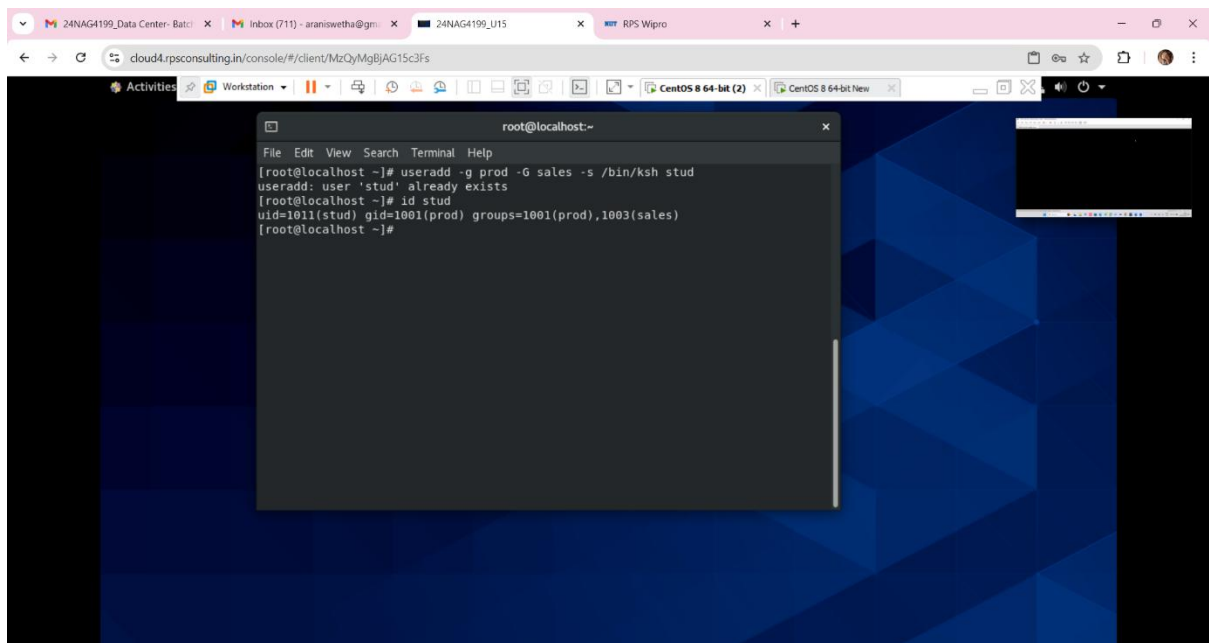


LINUX ASSIGNMENT

Q. HOW TO ADD USERS AND PASSWORD FOR THE USER, HOW TO CHECK THE ID AND GREP COMMAND ?

CREATE A DIR AND SOME CONTENT IN IT, GIVE THE PERMISSIONS AND CREATE FILE AND CHANGE THE PERMISSIONS?

ANSWER:

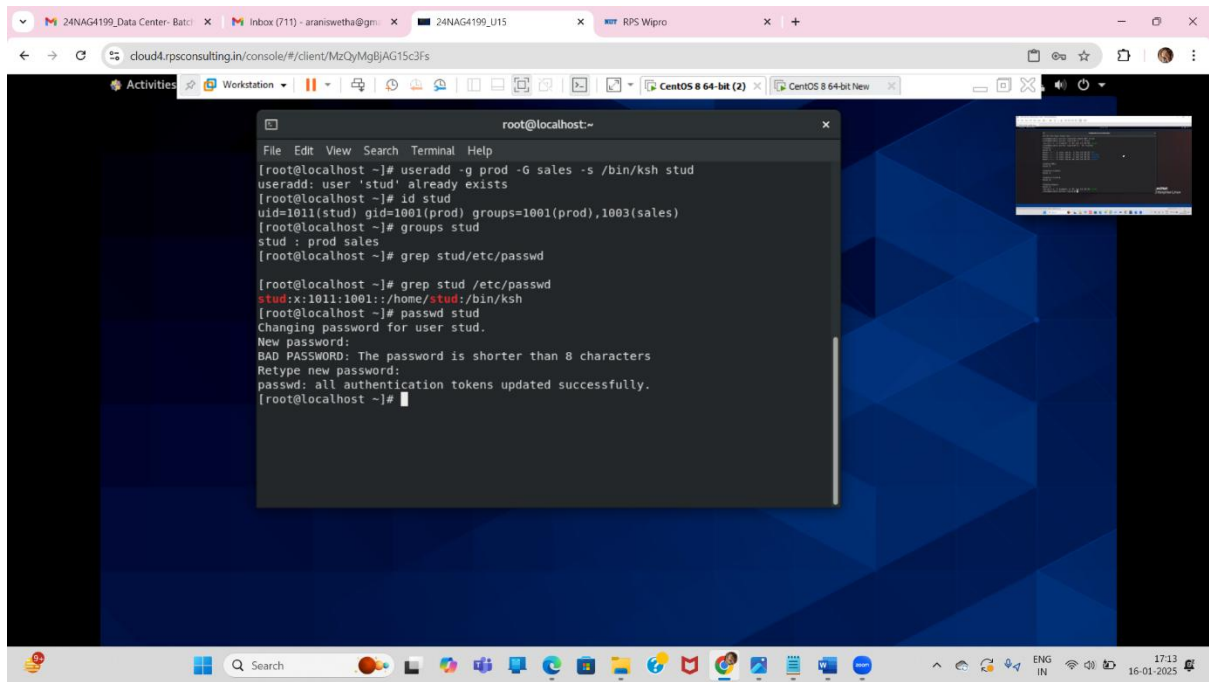


The screenshot shows a terminal window titled 'root@localhost:~' with the following commands and output:

```
File Edit View Search Terminal Help
[root@localhost ~]# useradd -g prod -G sales -s /bin/ksh stud
useradd: user 'stud' already exists
[root@localhost ~]# id stud
uid=1011(stud) gid=1001(prod) groups=1001(prod),1003(sales)
[root@localhost ~]#
```

The terminal window is open on a desktop environment with a blue geometric background. The terminal output indicates that the user 'stud' already exists and shows their UID, GID, and group memberships.

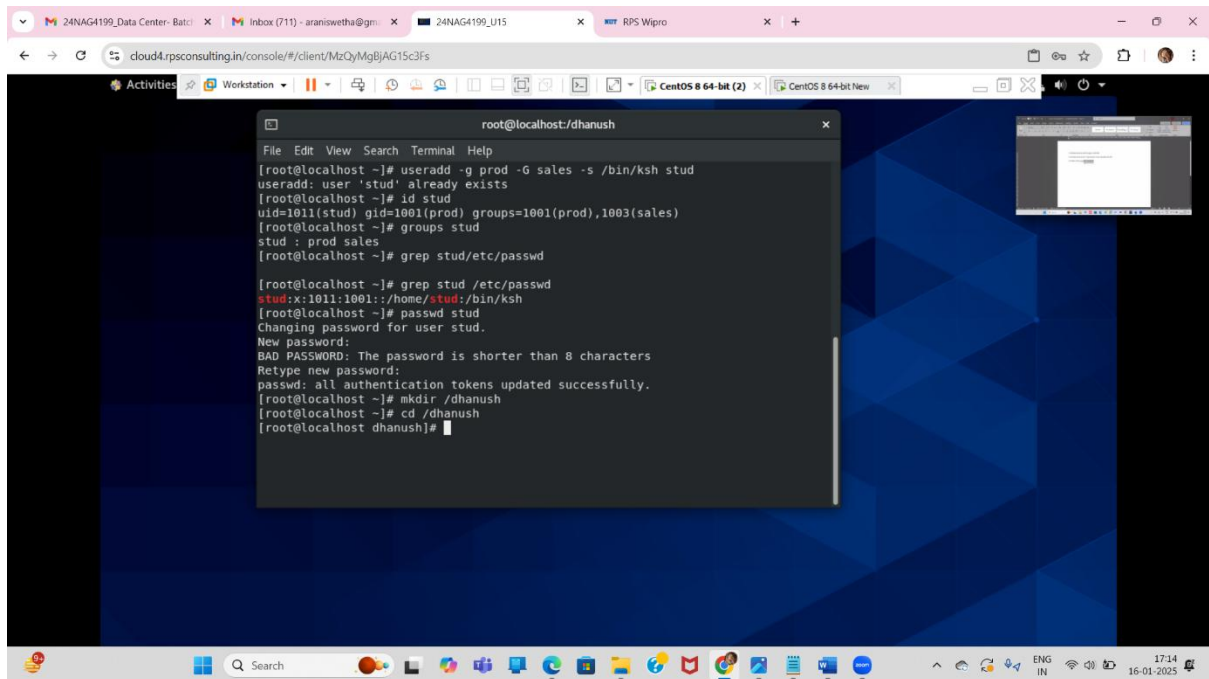
WIPRO ASSIGNMENT - 19



The screenshot shows a terminal window titled 'root@localhost~' with the following commands and output:

```
File Edit View Search Terminal Help
[root@localhost ~]# useradd -g prod -G sales -s /bin/ksh stud
useradd: user 'stud' already exists
[root@localhost ~]# id stud
uid=1011(stud) gid=1001(prod) groups=1001(prod),1003(sales)
[root@localhost ~]# groups stud
stud : prod sales
[root@localhost ~]# grep stud/etc/passwd

[root@localhost ~]# grep stud /etc/passwd
stud:x:1011:1001::/home/stud:/bin/ksh
[root@localhost ~]# passwd stud
Changing password for user stud.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: all authentication tokens updated successfully.
[root@localhost ~]#
```

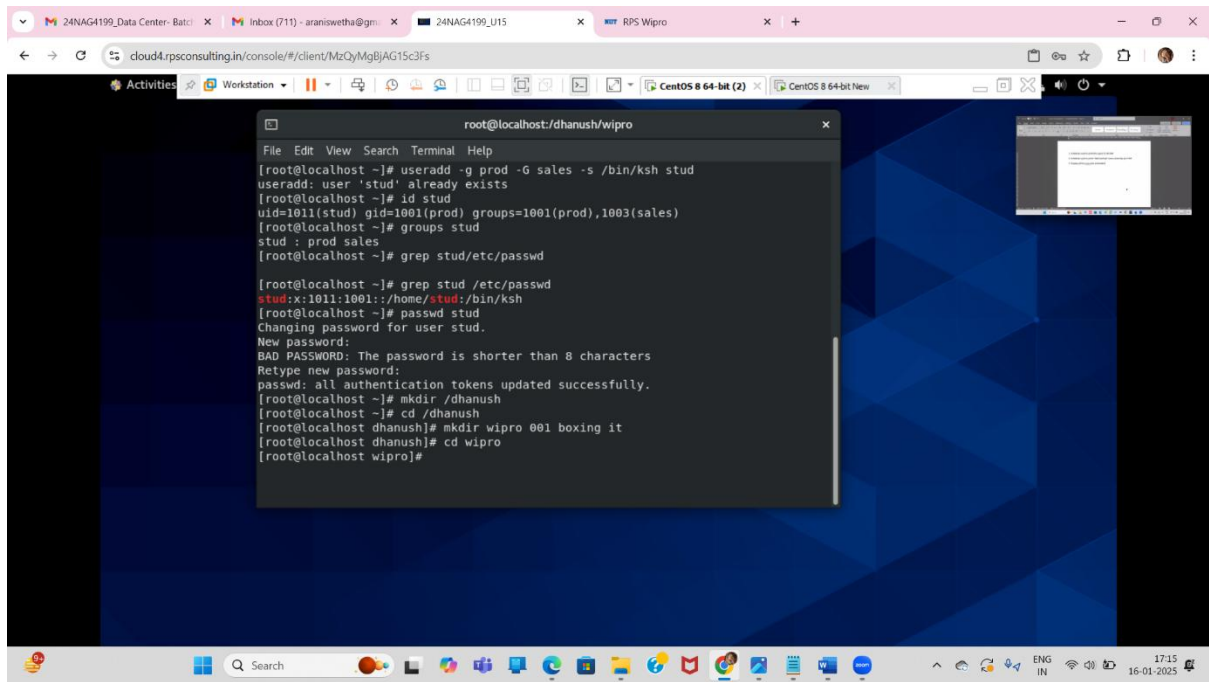


The screenshot shows a terminal window titled 'root@localhost/dhanush' with the following commands and output:

```
File Edit View Search Terminal Help
[root@localhost ~]# useradd -g prod -G sales -s /bin/ksh stud
useradd: user 'stud' already exists
[root@localhost ~]# id stud
uid=1011(stud) gid=1001(prod) groups=1001(prod),1003(sales)
[root@localhost ~]# groups stud
stud : prod sales
[root@localhost ~]# grep stud/etc/passwd

[root@localhost ~]# grep stud /etc/passwd
stud:x:1011:1001::/home/stud:/bin/ksh
[root@localhost ~]# passwd stud
Changing password for user stud.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: all authentication tokens updated successfully.
[root@localhost ~]# mkdir /dhanush
[root@localhost ~]# cd /dhanush
[root@localhost dhanush]#
```

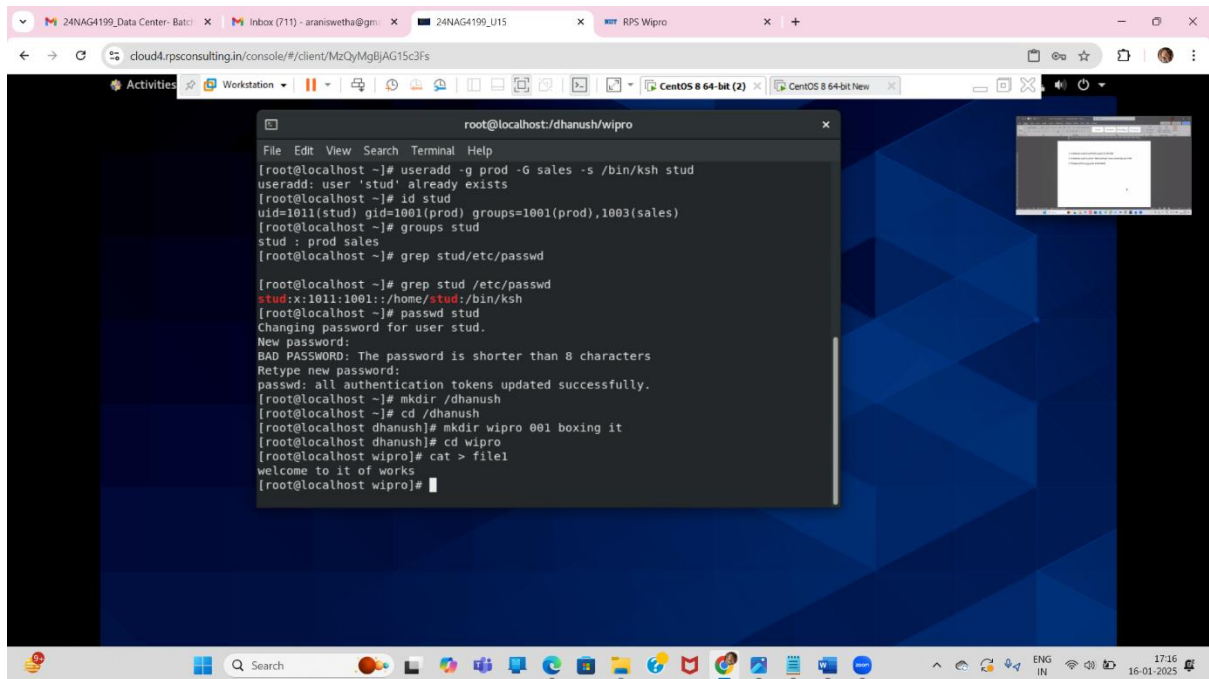
WIPRO ASSIGNMENT - 19



The screenshot shows a terminal window titled 'root@localhost:~' with the following commands and output:

```
File Edit View Search Terminal Help
[root@localhost ~]# useradd -g prod -G sales -s /bin/ksh stud
useradd: user 'stud' already exists
[root@localhost ~]# id stud
uid=1011(stud) gid=1001(prod) groups=1001(prod),1003(sales)
[root@localhost ~]# groups stud
stud : prod sales
[root@localhost ~]# grep stud/etc/passwd

[root@localhost ~]# grep stud /etc/passwd
stud:x:1011:1001::/home/stud:/bin/ksh
[root@localhost ~]# passwd stud
Changing password for user stud.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: all authentication tokens updated successfully.
[root@localhost ~]# mkdir /dhanush
[root@localhost ~]# cd /dhanush
[root@localhost dhanush]# mkdir wipro 001 boxing it
[root@localhost dhanush]# cd wipro
[root@localhost wipro]#
```

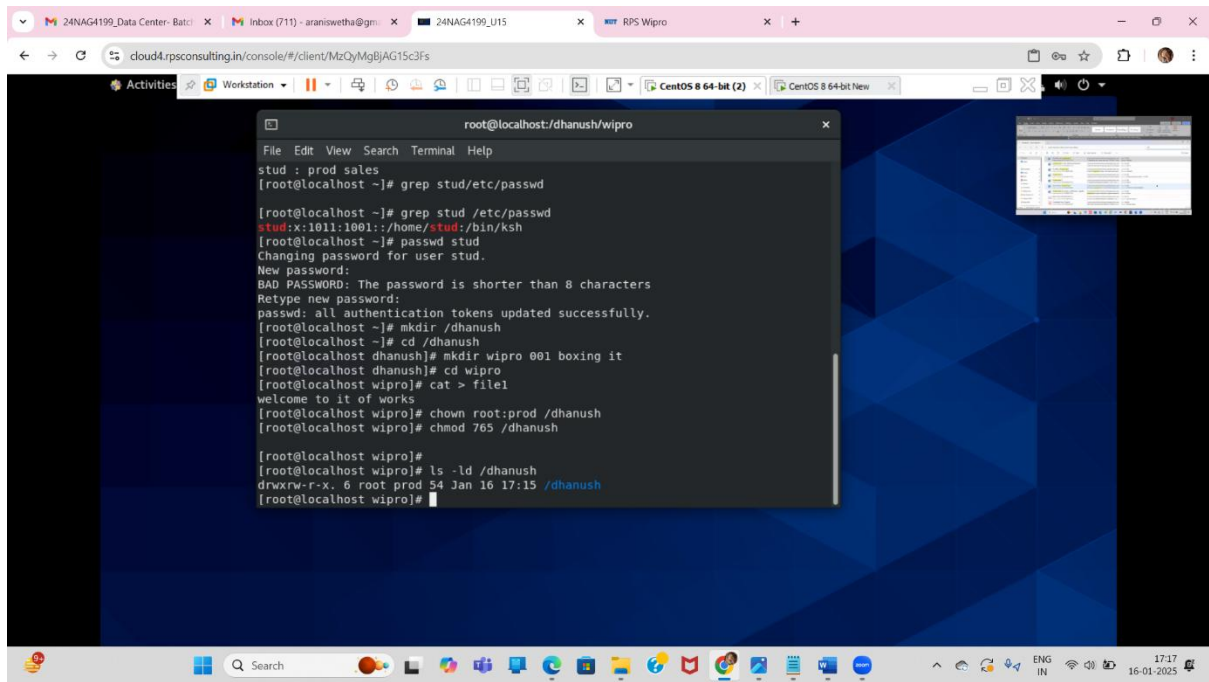


The screenshot shows a terminal window titled 'root@localhost:~' with the following commands and output:

```
File Edit View Search Terminal Help
[root@localhost ~]# useradd -g prod -G sales -s /bin/ksh stud
useradd: user 'stud' already exists
[root@localhost ~]# id stud
uid=1011(stud) gid=1001(prod) groups=1001(prod),1003(sales)
[root@localhost ~]# groups stud
stud : prod sales
[root@localhost ~]# grep stud/etc/passwd

[root@localhost ~]# grep stud /etc/passwd
stud:x:1011:1001::/home/stud:/bin/ksh
[root@localhost ~]# passwd stud
Changing password for user stud.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: all authentication tokens updated successfully.
[root@localhost ~]# mkdir /dhanush
[root@localhost ~]# cd /dhanush
[root@localhost dhanush]# mkdir wipro 001 boxing it
[root@localhost dhanush]# cd wipro
[root@localhost wipro]# cat > file1
welcome to it of works
[root@localhost wipro]#
```

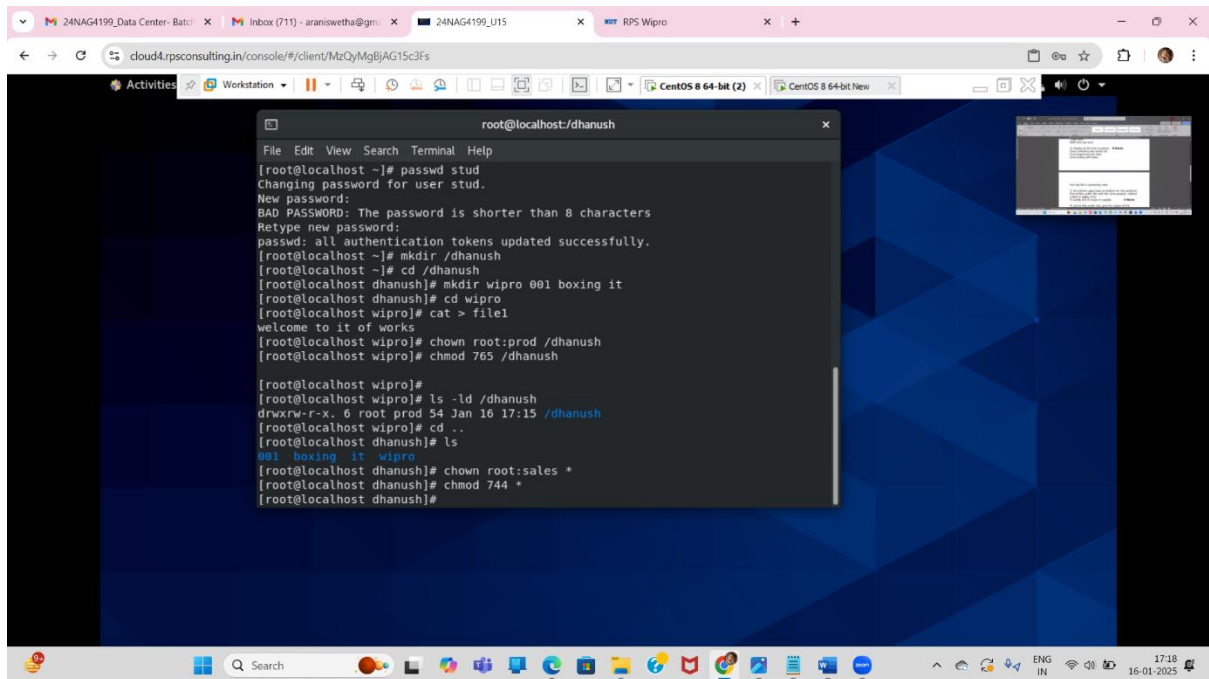
WIPRO ASSIGNMENT - 19



The screenshot shows a terminal window titled 'root@localhost:/dhanush/wipro'. The user 'stud' is created with a password 'sales'. The user 'stud' is then added to the 'prod' group. The directory 'dhanush' is created, and the user 'dhanush' is created with a password 'wipro'. The directory 'wipro' is created inside 'dhanush', and the user 'wipro' is added to the 'prod' group. The permissions for 'dhanush' are set to 'drwxrwxr-x' and for 'wipro' to 'drwxrwxr-x'.

```
root@localhost:/dhanush/wipro
File Edit View Search Terminal Help
stud : prod sales
[root@localhost ~]# grep stud/etc/passwd
stud:x:1011:1001::/home/stud:/bin/ksh
[root@localhost ~]# passwd stud
Changing password for user stud.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: all authentication tokens updated successfully.
[root@localhost ~]# mkdir /dhanush
[root@localhost ~]# cd /dhanush
[root@localhost dhanush]# mkdir wipro 001 boxing it
[root@localhost dhanush]# cd wipro
[root@localhost wipro]# cat > file1
welcome to it of works
[root@localhost wipro]# chown root:prod /dhanush
[root@localhost wipro]# chmod 765 /dhanush

[root@localhost wipro]#
[root@localhost wipro]# ls -ld /dhanush
drwxrwxr-x. 6 root prod 54 Jan 16 17:15 /dhanush
[root@localhost wipro]#
```



The screenshot shows the continuation of the terminal session. The user 'dhanush' is created with a password 'wipro'. The directory 'dhanush' is created, and the user 'dhanush' is added to the 'prod' group. The directory 'wipro' is created inside 'dhanush', and the user 'wipro' is added to the 'prod' group. The permissions for 'dhanush' are set to 'drwxrwxr-x' and for 'wipro' to 'drwxrwxr-x'.

```
root@localhost:/dhanush
File Edit View Search Terminal Help
[root@localhost ~]# passwd stud
Changing password for user stud.
New password:
BAD PASSWORD: The password is shorter than 8 characters
Retype new password:
passwd: all authentication tokens updated successfully.
[root@localhost ~]# mkdir /dhanush
[root@localhost ~]# cd /dhanush
[root@localhost dhanush]# mkdir wipro 001 boxing it
[root@localhost dhanush]# cd wipro
[root@localhost wipro]# cat > file1
welcome to it of works
[root@localhost wipro]# chown root:prod /dhanush
[root@localhost wipro]# chmod 765 /dhanush

[root@localhost wipro]#
[root@localhost wipro]# ls -ld /dhanush
drwxrwxr-x. 6 root prod 54 Jan 16 17:15 /dhanush
[root@localhost wipro]# cd ..
[root@localhost dhanush]# ls
001 boxing it wipro
[root@localhost dhanush]# chown root:sales *
[root@localhost dhanush]# chmod 744 *
[root@localhost dhanush]#
```

WIPRO ASSIGNMENT - 19

The screenshot shows a terminal window titled 'root@localhost:/dhanush'. The user is performing the following commands:

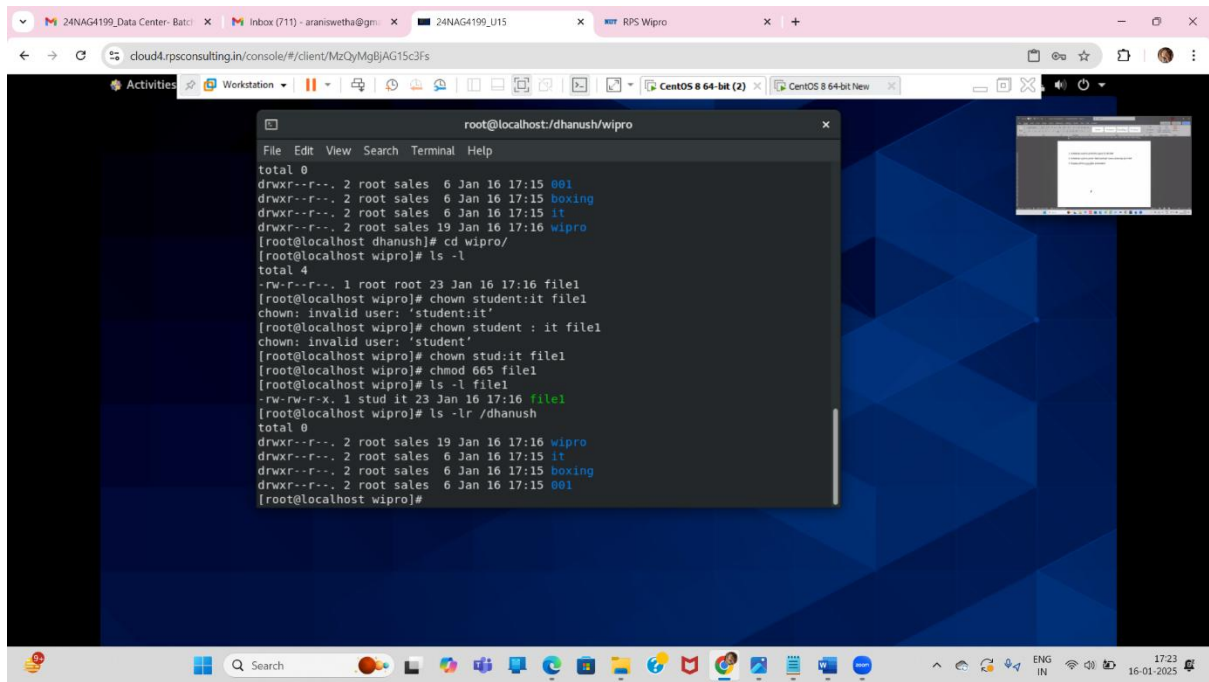
```
root@localhost ~]# mkdir /dhanush
root@localhost ~]# cd /dhanush
root@localhost dhanush]# mkdir wipro 001 boxing it
root@localhost dhanush]# cd wipro
root@localhost wipro]# cat > file1
welcome to it of works
root@localhost wipro]# chown root:prod /dhanush
root@localhost wipro]# chmod 765 /dhanush

root@localhost wipro]#
root@localhost wipro]# ls -ld /dhanush
drwxr-x-x. 6 root prod 54 Jan 16 17:15 /dhanush
root@localhost wipro]# cd ..
root@localhost dhanush]# ls
001 boxing it wipro
root@localhost dhanush]# chown root:sales *
root@localhost dhanush]# chmod 744 *
root@localhost dhanush]# ls -l
total 0
drwxr--r--. 2 root sales 6 Jan 16 17:15 001
drwxr--r--. 2 root sales 6 Jan 16 17:15 boxing
drwxr--r--. 2 root sales 6 Jan 16 17:15 it
drwxr--r--. 2 root sales 19 Jan 16 17:16 wipro
root@localhost dhanush]#
```

The screenshot shows a terminal window titled 'root@localhost:/dhanush/wipro'. The user is performing the following commands:

```
root@localhost wipro]# ls -ld /dhanush
drwxr-x-x. 6 root prod 54 Jan 16 17:15 /dhanush
root@localhost wipro]# cd ..
root@localhost dhanush]# ls
001 boxing it wipro
root@localhost dhanush]# chown root:sales *
root@localhost dhanush]# chmod 744 *
root@localhost dhanush]# ls -l
total 0
drwxr--r--. 2 root sales 6 Jan 16 17:15 001
drwxr--r--. 2 root sales 6 Jan 16 17:15 boxing
drwxr--r--. 2 root sales 6 Jan 16 17:15 it
drwxr--r--. 2 root sales 19 Jan 16 17:16 wipro
root@localhost dhanush]# cd wipro/
root@localhost wipro]# ls -l
total 4
-rw-r--r--. 1 root root 23 Jan 16 17:16 file1
root@localhost wipro]# chown student:it file1
chown: invalid user: 'student:it'
root@localhost wipro]# chown student : it file1
chown: invalid user: 'student'
root@localhost wipro]# chown stud:it file1
root@localhost wipro]# chmod 665 file1
root@localhost wipro]#
```

WIPRO ASSIGNMENT - 19



The screenshot shows a terminal window titled 'root@localhost:/dhanush/wipro'. The user is root. The terminal output is as follows:

```
total 0
drwxr--r--. 2 root sales  6 Jan 16 17:15 001
drwxr--r--. 2 root sales  6 Jan 16 17:15 boxing
drwxr--r--. 2 root sales  6 Jan 16 17:15 it
drwxr--r--. 2 root sales 19 Jan 16 17:16 wipro
[root@localhost dhanush]# cd wipro/
[root@localhost wipro]# ls -l
total 4
-rw-r--r--. 1 root root 23 Jan 16 17:16 file1
[root@localhost wipro]# chown student:it file1
chown: invalid user: 'student:it'
[root@localhost wipro]# chown student : it file1
chown: invalid user: 'student'
[root@localhost wipro]# chown stud:it file1
[root@localhost wipro]# chmod 665 file1
[root@localhost wipro]# ls -l file1
-rw-rw-r-x. 1 stud it 23 Jan 16 17:16 file1
[root@localhost wipro]# ls -lr /dhanush
total 0
drwxr--r--. 2 root sales 19 Jan 16 17:16 wipro
drwxr--r--. 2 root sales  6 Jan 16 17:15 it
drwxr--r--. 2 root sales  6 Jan 16 17:15 boxing
drwxr--r--. 2 root sales  6 Jan 16 17:15 001
[root@localhost wipro]#
```

*****THANK YOU*****