

LETSUPGRADE LINUX ADMINISTRATION

DAY 3: ASSIGNMENT 1

Ans1: Creating And Verifying myfile By Using **touch** command



```
Applications Places Terminal
root@localhost:~

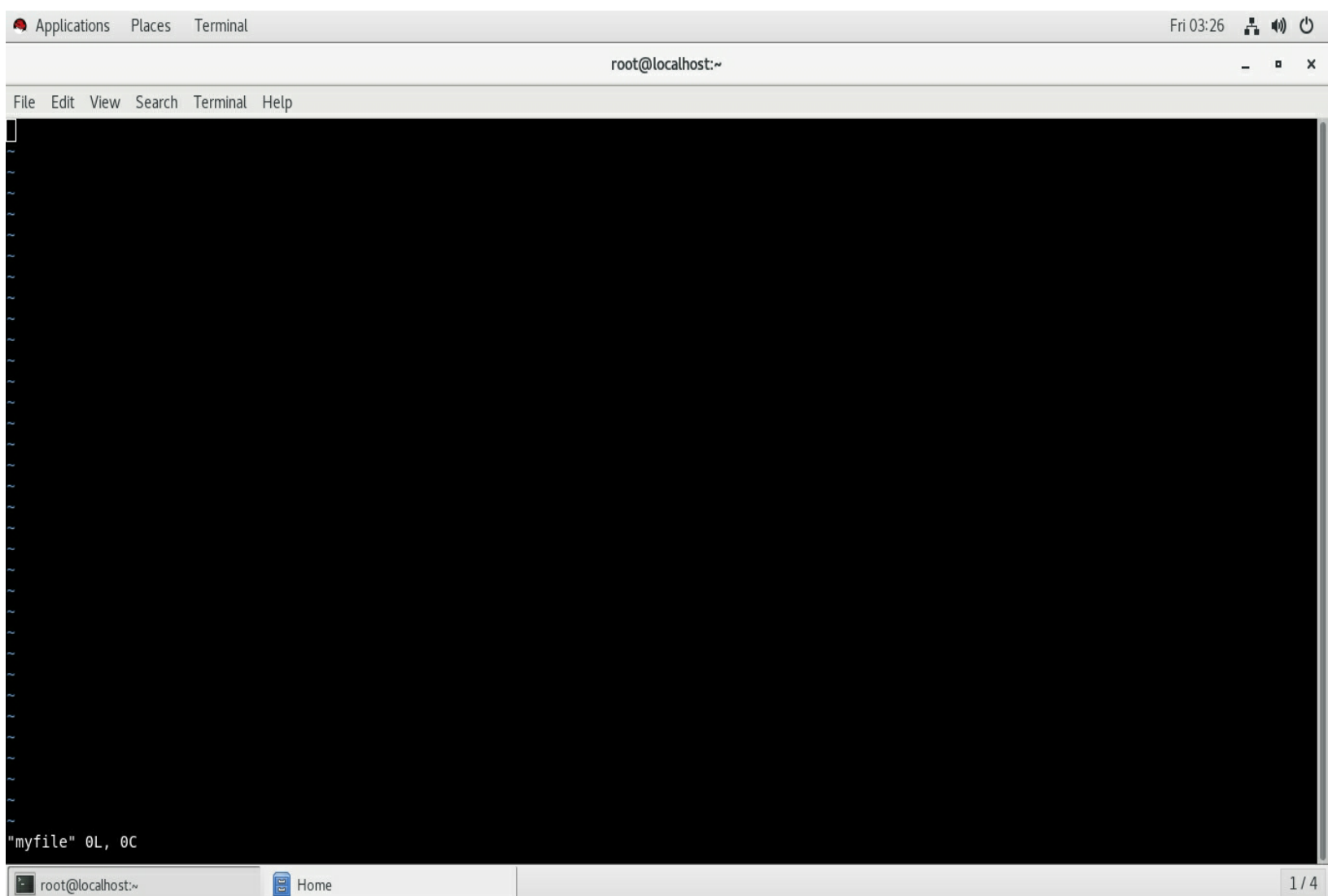
File Edit View Search Terminal Help

[root@localhost ~]# ls
anaconda-ks.cfg Desktop Documents Downloads initial-setup-ks.cfg Music Pictures Public Templates Videos
[root@localhost ~]# touch myfile
[root@localhost ~]# ls
anaconda-ks.cfg Desktop Documents Downloads initial-setup-ks.cfg Music myfile Pictures Public Templates Videos
[root@localhost ~]# pwd
/root
[root@localhost ~]# ls -l /root/myfile
-rw-r--r-- 1 root root 0 Dec  4 03:17 /root/myfile
[root@localhost ~]#
```



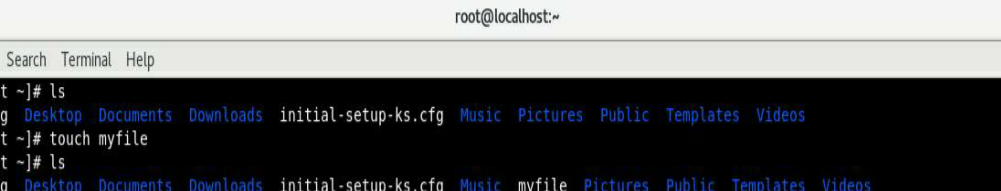
ANS 2.

Opening The File Using Vi Editor



Writing The Details And Saving It By Using :wq! Then Opening It By Using cat command

The image shows a Kali Linux desktop environment. At the top, there is a menu bar with 'Applications', 'Places', and 'Terminal'. The system clock in the top right corner shows 'Fri 03:30'. A terminal window is open, displaying a root shell prompt 'root@localhost:~'. The terminal output shows the following information: 'Name = Md Wasim Ansari', 'Address = Budge/Budge Kolkata 137 WB India', 'Email Id = wasimm267@gmail.com', 'Ph No = +917003571127', and 'Blood GRoup = B+'. The prompt ':wq!' is visible at the bottom of the terminal. A file manager window is also open, showing the 'Pictures' directory. The desktop background is black.



The screenshot shows a terminal window with a menu bar (File, Edit, View, Search, Terminal, Help) and a title bar (Applications, Places, Terminal). The terminal content shows a series of commands and their outputs:

```
root@localhost:~  
[root@localhost ~]# ls  
anaconda-ks.cfg Desktop Documents Downloads initial-setup-ks.cfg Music Pictures Public Templates Videos  
[root@localhost ~]# touch myfile  
[root@localhost ~]# ls  
anaconda-ks.cfg Desktop Documents Downloads initial-setup-ks.cfg Music myfile Pictures Public Templates Videos  
[root@localhost ~]# pwd  
/root  
[root@localhost ~]# ls -l /root/myfile  
-rw-r--r-- 1 root root 0 Dec  4 03:17 /root/myfile  
[root@localhost ~]# vi myfile  
[root@localhost ~]# cat myfile  
Name = Md Wasim Ansari  
Address = Budge/Budge Kolkata 137 WB India  
Email Id = wasimm267@gmail.com  
Ph No = +917903571  
Blood GRoup = B+  
[root@localhost ~]#
```

ANS 4.

Creating one single expression to find the name and blood group line

A screenshot of a Linux terminal window. The window has a title bar with 'Applications', 'Places', and 'Terminal' menus. The status bar shows 'Fri 03:48' and system icons. The terminal content shows a user at the root@localhost prompt. They run 'cat myfile' which displays several lines of text: 'Name = Md Wasim Ansari', 'Address = Budge/Budge Kolkata 137 WB India', 'Email Id = wasimm267@gmail.com', 'Ph No = +917002-XXXX-XXXX', and 'Blood GRoup = B+'. Then they run 'grep -E 'Name|Blood' myfile', which outputs 'Name = Md Wasim Ansari' and 'Blood GRoup = B+'.

```
root@localhost ~]# cat myfile
Name = Md Wasim Ansari
Address = Budge/Budge Kolkata 137 WB India
Email Id = wasimm267@gmail.com
Ph No = +917002-XXXX-XXXX
Blood GRoup = B+
root@localhost ~]# grep -E 'Name|Blood' myfile
Name = Md Wasim Ansari
Blood GRoup = B+
root@localhost ~]#
```