

# LetsUpgrade Linux Administration Essentials Batch 1

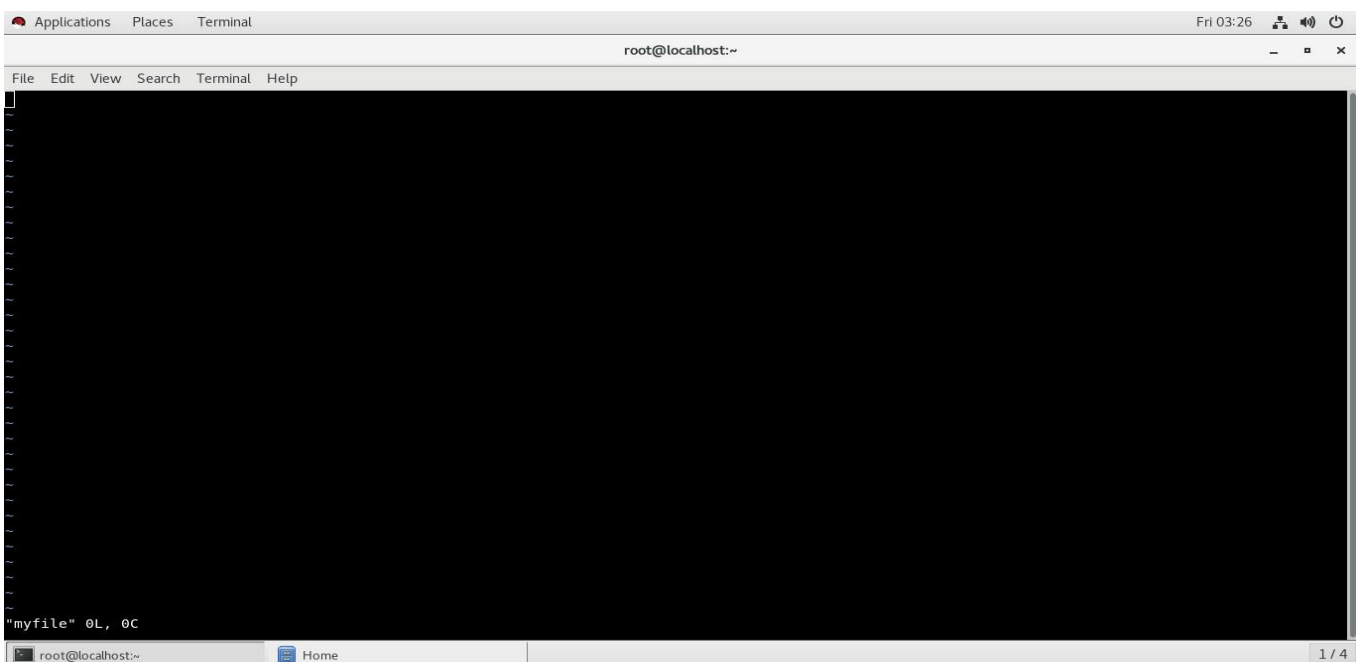
## Assignment Day 3 | 2nd December 2020

### Step1: Create a blank file named "myfile"

A terminal window titled 'Terminal' with a menu bar (File, Edit, View, Search, Terminal, Help) and a title bar (Applications, Places, Terminal). The prompt is 'root@localhost:~'. The user enters 'ls', showing a directory listing. Then they enter 'touch myfile', then 'ls' again, showing 'myfile' in the listing. They enter 'pwd', showing '/root'. Finally, they enter 'ls -l /root/myfile', showing the file's permissions and details.

```
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 ~]#
```

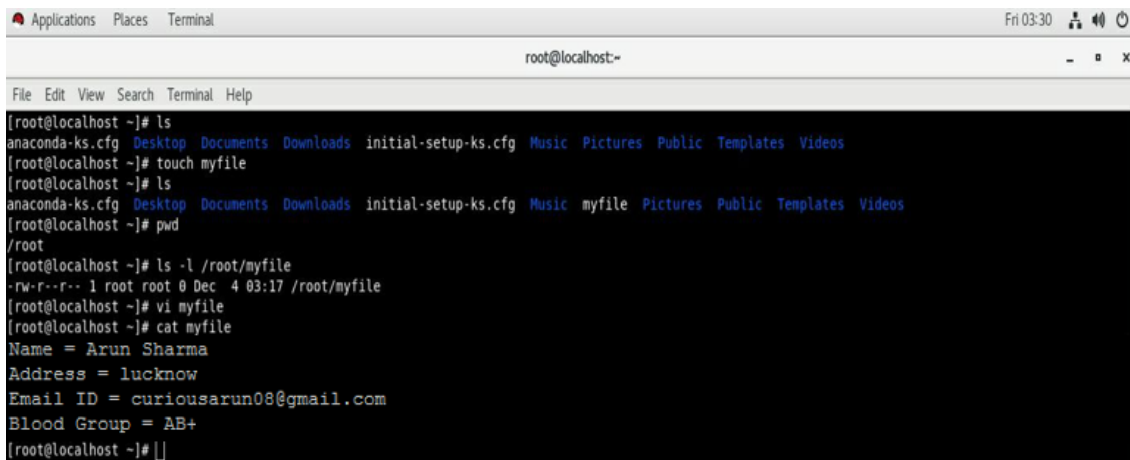
### Step2: Open "myfile" in vi editor

A terminal window titled 'Terminal' with a menu bar (File, Edit, View, Search, Terminal, Help) and a title bar (Applications, Places, Terminal). The prompt is 'root@localhost:~'. The user enters 'vi myfile', opening the vi editor. The editor shows the file 'myfile' with a cursor at the first line. The status bar at the bottom shows 'root@localhost:~' and 'Home'.

```
root@localhost:~  
[root@localhost ~]# vi myfile  
"myfile" 0L, 0C  
root@localhost:~
```

### Step 3: Write your name, address, email id and blood group in 4 different lines

```
Name = Arun Sharma
Address = lucknow
Email ID = curiousarun08@gmail.com
Blood Group = AB+
```



The screenshot shows a terminal window titled 'Terminal' with the prompt 'root@localhost~'. The user performs the following commands:

```
[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 = Arun Sharma
Address = lucknow
Email ID = curiousarun08@gmail.com
Blood Group = AB+
[root@localhost ~]#
```

### Step 4: Build one single expression to see the line with your name and blood group in myfile

```
[root@localhost ~]# grep -E 'Name|Blood' myfile
Name = Arun Sharma
Blood Group = AB+
```

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