

## 3<sup>rd</sup> August Unix Assignment

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amdocs@69571e3deccf596: ~  
amdocs@69571e3deccf596:~$ cd ..  
amdocs@69571e3deccf596:/home$ ls  
amdocs  
amdocs@69571e3deccf596:/home$ cd amdocs  
amdocs@69571e3deccf596:~$ pwd  
/home/amdocs  
amdocs@69571e3deccf596:~$ cd ..  
amdocs@69571e3deccf596:/home$ ls  
amdocs  
amdocs@69571e3deccf596:/home$ mkdir unix_commands_assignment  
mkdir: cannot create directory 'unix_commands_assignment': Permission denied  
amdocs@69571e3deccf596:/home$ ls -l  
total 0  
drwxr-x--- 1 amdocs amdocs 512 Aug  3 13:56 amdocs  
amdocs@69571e3deccf596:/home$ cd amdocs  
amdocs@69571e3deccf596:~$ mkdir unix_commands_assignment  
amdocs@69571e3deccf596:~$ cd unix_commands_assignment  
-bash: cd: unix_commands_assignment: No such file or directory  
amdocs@69571e3deccf596:~$ ls  
dir  text.txt  unix_commands_assignment  
amdocs@69571e3deccf596:~$ cd unix_commands_assignment  
amdocs@69571e3deccf596:~/unix_commands_assignment$ touch file1.txt  
amdocs@69571e3deccf596:~/unix_commands_assignment$ vim file1.txt  
amdocs@69571e3deccf596:~/unix_commands_assignment$ cat file1.txt  
i  
hello everybody!  
hello everybody!  
amdocs@69571e3deccf596:~/unix_commands_assignment$ echo "hello unix!" >> file1.txt  
echo "hello unix"cat file1.txt >> file1.txt  
amdocs@69571e3deccf596:~/unix_commands_assignment$ cat file1.txt  
i  
hello everybody!  
hello everybody!  
hello unixcat file1.txt  
amdocs@69571e3deccf596:~/unix_commands_assignment$ touch file2.txt  
amdocs@69571e3deccf596:~/unix_commands_assignment$ cp file1.txt file2.txt  
amdocs@69571e3deccf596:~/unix_commands_assignment$ cat file2.txt  
i  
hello everybody!
```

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amdocs@69571e3deccf596: ~
amdocs@69571e3deccf596:~/unix_commands_assignment$ touch file2.txt
amdocs@69571e3deccf596:~/unix_commands_assignment$ cp file1.txt file2.txt
amdocs@69571e3deccf596:~/unix_commands_assignment$ cat file2.txt
I
hello everybody!
hello everybody
hello unixcat file1.txt
amdocs@69571e3deccf596:~/unix_commands_assignment$ mkdir backup
amdocs@69571e3deccf596:~/unix_commands_assignment$ mv file2.txt backup
amdocs@69571e3deccf596:~/unix_commands_assignment$ ls
backup  file1.txt
amdocs@69571e3deccf596:~/unix_commands_assignment$ cd backup
amdocs@69571e3deccf596:~/unix_commands_assignment/backup$ ls
file2.txt
amdocs@69571e3deccf596:~/unix_commands_assignment/backup$ echo "hello unix!!" >> file1.txt
echo "hello unix!!" >> file1.txt
amdocs@69571e3deccf596:~/unix_commands_assignment/backup$ cd ..
amdocs@69571e3deccf596:~/unix_commands_assignment$ cd ..
amdocs@69571e3deccf596:~$ ls
dir  text.txt  unix_commands_assignment
amdocs@69571e3deccf596:~$ touch sample.txt
amdocs@69571e3deccf596:~$ nano sample.txt
amdocs@69571e3deccf596:~$ cat sample.txt
my name is prithish samanta. I am from bangalore which is better than pune :)
amdocs@69571e3deccf596:~$ nano sample.txt
amdocs@69571e3deccf596:~$ cat sample.txt
my name is prithish samanta. I am
from b
angalore which
is
better
than
pune
:)
he
he
he
he
amdocs@69571e3deccf596:~$ head -5 sample.txt
my name is prithish samanta. I am

```

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amdocs@69571e3deccf596: ~
amdocs@69571e3deccf596:~$ head -5 sample.txt
my name is prithish samanta. I am

from b
angalore which
is
amdocs@69571e3deccf596:~$ tail -6 sample.txt
pune
:)
he
he
he
he
amdocs@69571e3deccf596:~$ ls
dir  sample.txt  text.txt  unix_commands_assignment
amdocs@69571e3deccf596:~$ cd unix_commands_assignment
-bash: cd: unix_commands_assignment: No such file or directory
amdocs@69571e3deccf596:~$ cd unix_commands_assignment
amdocs@69571e3deccf596:~/unix_commands_assignment$ touch numbers.txt
amdocs@69571e3deccf596:~/unix_commands_assignment$ noma numbers.txt
Command 'noma' not found, did you mean:
  command 'nova' from deb python3-novaclient (2:17.6.0-0ubuntu1)
  command 'mona' from deb mona (1.4-18-1)
Try: sudo apt install <deb name>
amdocs@69571e3deccf596:~/unix_commands_assignment$ nano numbers.txt
amdocs@69571e3deccf596:~/unix_commands_assignment$ grep 5 numbers.txt
5
amdocs@69571e3deccf596:~/unix_commands_assignment$ grep 5 -v numbers.txt
1
2
3
4
6
7
8
9
10
amdocs@69571e3deccf596:~/unix_commands_assignment$ ls
backup  file1.txt  numbers.txt
amdocs@69571e3deccf596:~/unix_commands_assignment$ cd ..
amdocs@69571e3deccf596:~$ ls

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amdocs@69571e3deccf596: ~  
10  
amdocs@69571e3deccf596:~/unix_commands_assignment$ ls  
backup file1.txt numbers.txt  
amdocs@69571e3deccf596:~/unix_commands_assignment$ cd ..  
amdocs@69571e3deccf596:~$ ls  
dir sample.txt text.txt unix_commands_assignment  
amdocs@69571e3deccf596:~$ mkdir backup_commands  
amdocs@69571e3deccf596:~$ cp unix_commands_assignment backup_commands  
cp: -r not specified; omitting directory 'unix_commands_assignment'  
amdocs@69571e3deccf596:~$ ls -l  
total 0  
drwxr-xr-x 1 amdocs amdocs 512 Aug 3 14:59 backup_commands  
drwxr-xr-x 1 amdocs amdocs 512 Aug 3 13:54 dir  
-rw-r--r-- 1 amdocs amdocs 98 Aug 3 14:38 sample.txt  
-rw-r--r-- 1 amdocs amdocs 14 Aug 3 13:56 text.txt  
drwxr-xr-x 1 amdocs amdocs 512 Aug 3 14:44 unix_commands_assignment  
amdocs@69571e3deccf596:~$ cp -r unix_commands_assignment backup_commands  
amdocs@69571e3deccf596:~$ rmdir unix_commands_assignment  
rmdir: failed to remove 'unix_commands_assignment': Directory not empty  
amdocs@69571e3deccf596:~$ rm unix_commands_assignment  
rm: cannot remove 'unix_commands_assignment': Is a directory  
amdocs@69571e3deccf596:~$ cd unix_commands_assignment  
amdocs@69571e3deccf596:~/unix_commands_assignment$ ls  
backup file1.txt numbers.txt  
amdocs@69571e3deccf596:~/unix_commands_assignment$ rm file1.txt  
amdocs@69571e3deccf596:~/unix_commands_assignment$ rm numbers.txt  
amdocs@69571e3deccf596:~/unix_commands_assignment$ cd backup  
amdocs@69571e3deccf596:~/unix_commands_assignment/backup$ ls  
file1.txt file2.txt  
amdocs@69571e3deccf596:~/unix_commands_assignment/backup$ rm file1.txt  
amdocs@69571e3deccf596:~/unix_commands_assignment/backup$ rm file2.txt  
amdocs@69571e3deccf596:~/unix_commands_assignment/backup$ cd ..  
amdocs@69571e3deccf596:~/unix_commands_assignment$ rmdir backup  
amdocs@69571e3deccf596:~/unix_commands_assignment$ cd ..  
amdocs@69571e3deccf596:~$ ls  
backup_commands dir sample.txt text.txt unix_commands_assignment  
amdocs@69571e3deccf596:~$ rmdir unix_commands_assignment  
amdocs@69571e3deccf596:~$
```

The following screenshots are of the five tasks we were asked to do during the Unix training on August 3<sup>rd</sup>. The tasks were challenging and educative, and it helped me get a deeper understanding of the Unix commands. Ma'am helped us understand the importance of each and every command thoroughly, and also guided us in the process. We initially faced a problem of finding the perfect shell application to run the commands taught to us. We explored the Vim editor, Git Bash and the Windows Ubuntu Application in this process. We explored commands like ls, mkdir, rmdir, chmod, grep, cp, mv, pr, echo, etc. Now I have a broad understanding about Unix and its concepts. I am confident in using it in the future.