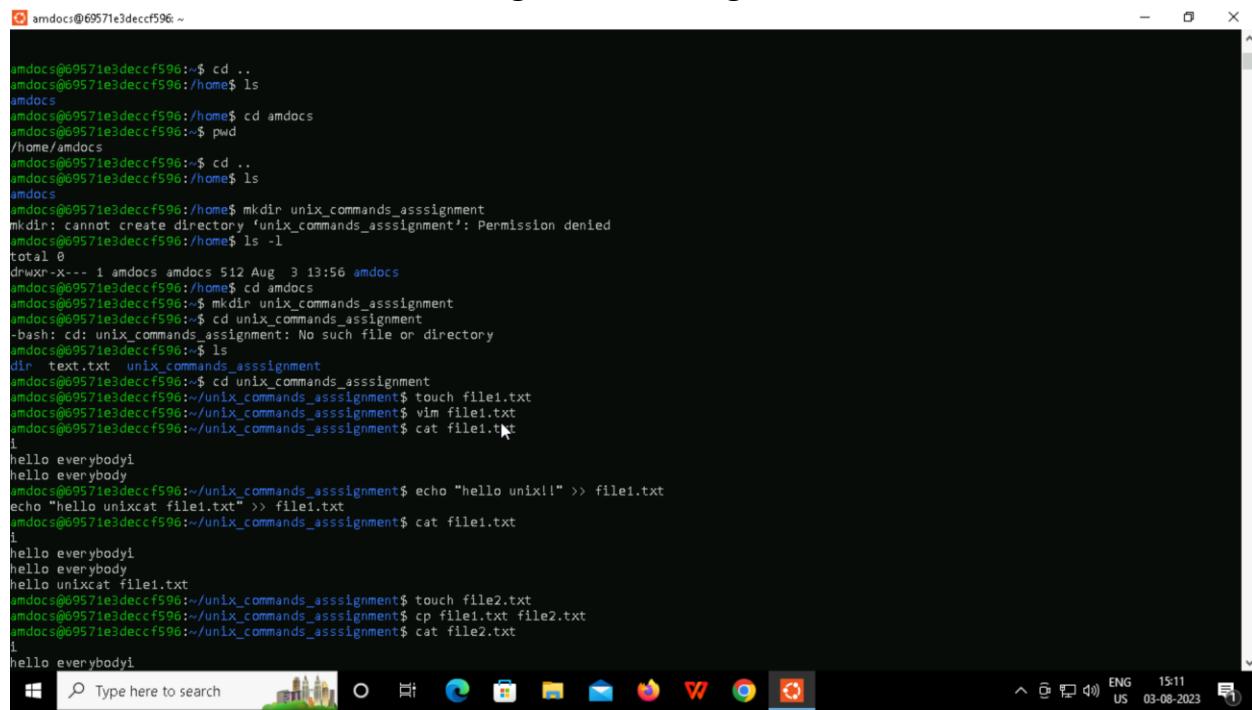


3rd August Unix Assignment

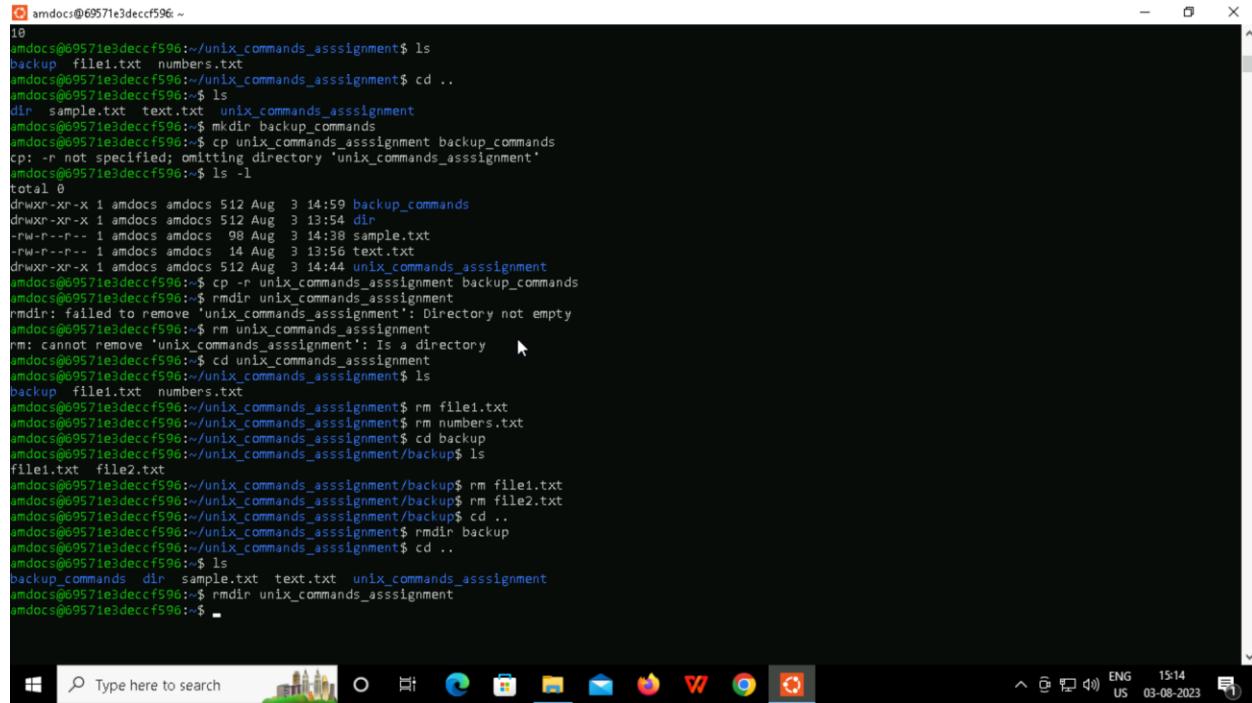


The screenshot shows a Windows desktop environment with a terminal window open. The terminal window title is "amdocs@69571e3deccf596: ~". The window contains the following Unix command history:

```
amdocs@69571e3deccf596:~$ cd ..
amdocs@69571e3deccf596:/home$ ls
amdocs
amdocs@69571e3deccf596:/home$ cd amdocs
amdocs@69571e3deccf596:~/amdocs$ pwd
/home/amdocs
amdocs@69571e3deccf596:~/amdocs$ 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:~/amdocs$ mkdir unix_commands_assignment
amdocs@69571e3deccf596:~/amdocs$ cd unix_commands_assignment
-bash: cd: unix_commands_assignment: No such file or directory
amdocs@69571e3deccf596:~/amdocs$ ls
dir text.txt unix_commands_assignment
amdocs@69571e3deccf596:~/amdocs$ 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
1
hello everybody
hello everybody
amdocs@69571e3deccf596:~/unix_commands_assignment$ echo "hello unix!!" >> file1.txt
echo "hello unix<at file1.txt" >> file1.txt
amdocs@69571e3deccf596:~/unix_commands_assignment$ cat file1.txt
1
hello everybody
hello everybody
hello unix<at 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
1
hello everybody
```

The desktop taskbar at the bottom shows icons for File Explorer, Edge, File Manager, Mail, and other applications. The system tray indicates the date as 03-08-2023, the time as 15:11, and the language as ENG US.

```
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!!"  
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  
  
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$ nano numbers.txt  
Command 'nova' not found, did you mean:  
 command 'nova' from deb python3-novaclient (2:17.6.0-0ubuntu1)  
 command 'nova' 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
```



The screenshot shows a Windows desktop environment with a terminal window open. The terminal window displays a session of Unix commands run on a Linux system. The commands involve creating files, navigating directories, and performing file operations like copying and removing files. The terminal window has a black background with white text. Below the terminal is a taskbar with various icons for applications like File Explorer, Edge, and other utilities. The system tray shows the date and time as 03-08-2023 at 15:14. The overall interface is typical of a Windows 10 desktop.

```
amdocs@69571e3deccf596:~$ ls
ls: cannot access 'unix_commands_assignment': Is a directory
amdocs@69571e3deccf596:~$ cd unix_commands_assignment
amdocs@69571e3deccf596:~/unix_commands_assignment$ cp sample.txt text.txt
cp: -r not specified; omitting directory 'unix_commands_assignment'
amdocs@69571e3deccf596:~/unix_commands_assignment$ 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:~/unix_commands_assignment$ cp -r unix_commands_assignment backup_commands
amdocs@69571e3deccf596:~/unix_commands_assignment$ rm unix_commands_assignment
rm: failed to remove 'unix_commands_assignment': Directory not empty
amdocs@69571e3deccf596:~/unix_commands_assignment$ rm unix_commands_assignment
rm: cannot remove 'unix_commands_assignment': Is a directory
amdocs@69571e3deccf596:~/unix_commands_assignment$ cd ..
amdocs@69571e3deccf596:~$ ls
backup_commands  file1.txt  numbers.txt
amdocs@69571e3deccf596:~$ rm file1.txt
amdocs@69571e3deccf596:~$ rm numbers.txt
amdocs@69571e3deccf596:~$ cd backup
amdocs@69571e3deccf596:~/backup$ ls
file1.txt  file2.txt
amdocs@69571e3deccf596:~/backup$ rm file1.txt
amdocs@69571e3deccf596:~/backup$ rm file2.txt
amdocs@69571e3deccf596:~/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:~/unix_commands_assignment$ 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 3rd. 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.