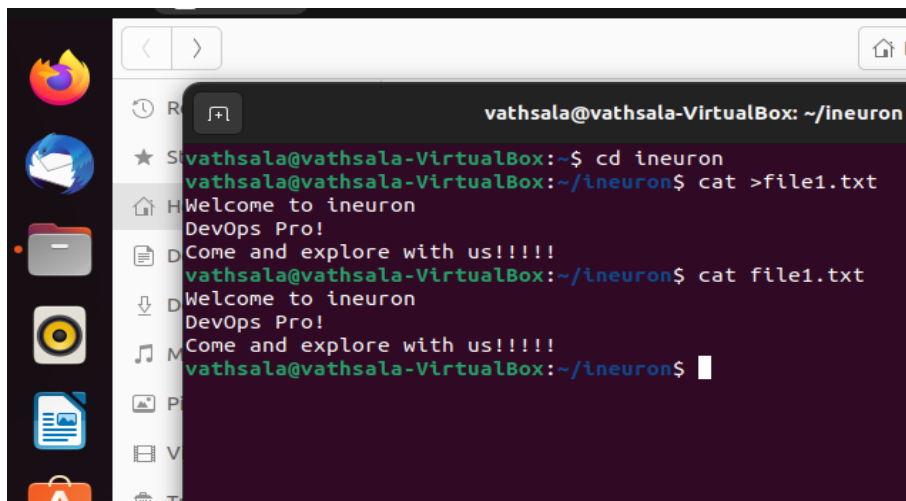


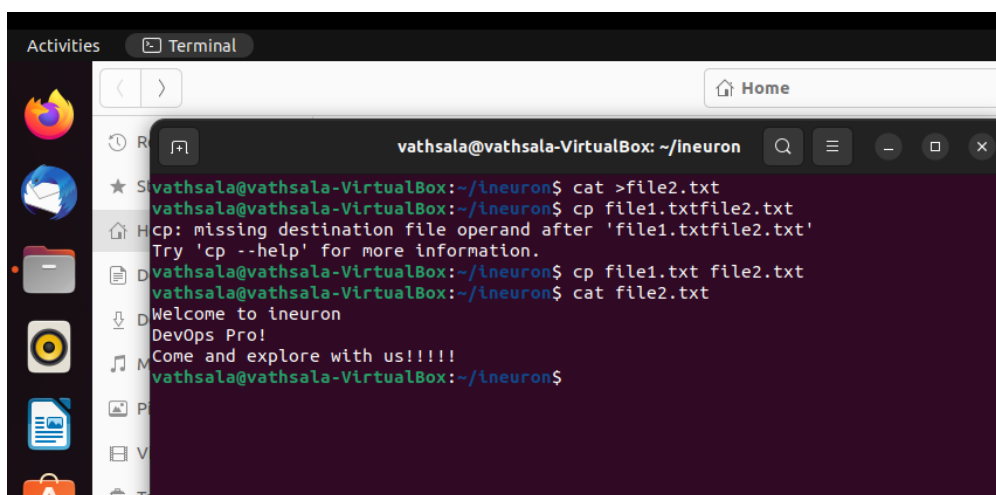
Assignment-2



A terminal window titled 'vathsala@vathsala-VirtualBox: ~/ineuron'. The user enters 'cd ineuron' and then 'cat >file1.txt'. The file is created and contains the text: 'Welcome to ineuron', 'DevOps Pro!', and 'Come and explore with us!!!!'. The user then runs 'cat file1.txt' to display the contents of the file.

```
vathsala@vathsala-VirtualBox: ~/ineuron
vathsala@vathsala-VirtualBox:~$ cd ineuron
vathsala@vathsala-VirtualBox:~/ineuron$ cat >file1.txt
Welcome to ineuron
DevOps Pro!
Come and explore with us!!!!
vathsala@vathsala-VirtualBox:~/ineuron$ cat file1.txt
Welcome to ineuron
DevOps Pro!
Come and explore with us!!!!
vathsala@vathsala-VirtualBox:~/ineuron$
```

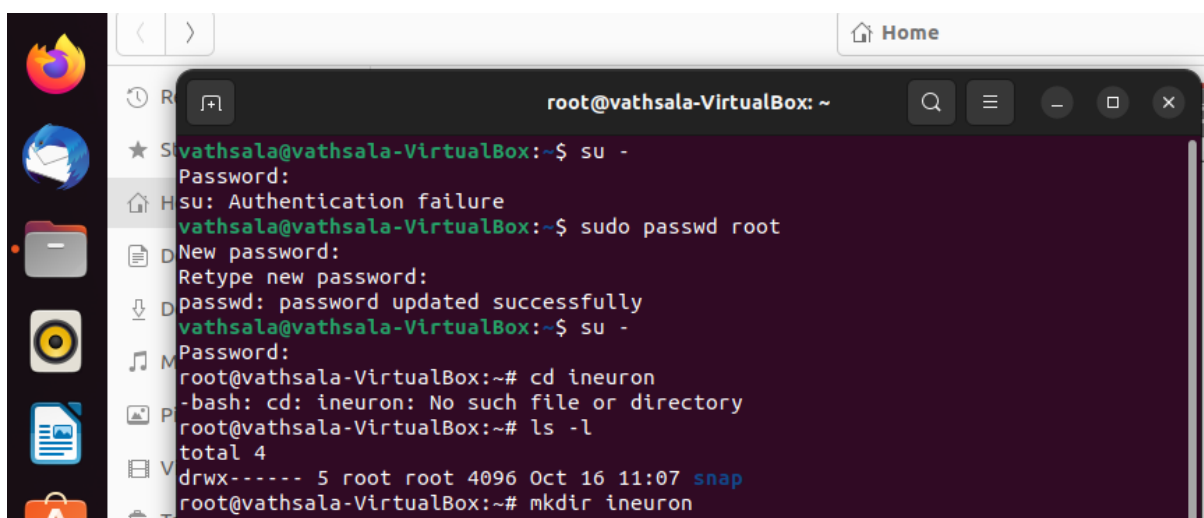
Created a file named file1.txt and edited some data into it.



A terminal window titled 'vathsala@vathsala-VirtualBox: ~/ineuron'. The user enters 'cat >file2.txt' to create a new file. Then, they enter 'cp file1.txtfile2.txt', which results in an error: 'Hcp: missing destination file operand after 'file1.txtfile2.txt''. After correcting the command to 'cp file1.txt file2.txt', the user runs 'cat file2.txt' to verify the contents, which are identical to file1.txt.

```
vathsala@vathsala-VirtualBox:~/ineuron$ cat >file2.txt
vathsala@vathsala-VirtualBox:~/ineuron$ cp file1.txtfile2.txt
Hcp: missing destination file operand after 'file1.txtfile2.txt'
Try 'cp --help' for more information.
vathsala@vathsala-VirtualBox:~/ineuron$ cp file1.txt file2.txt
vathsala@vathsala-VirtualBox:~/ineuron$ cat file2.txt
Welcome to ineuron
DevOps Pro!
Come and explore with us!!!!
vathsala@vathsala-VirtualBox:~/ineuron$
```

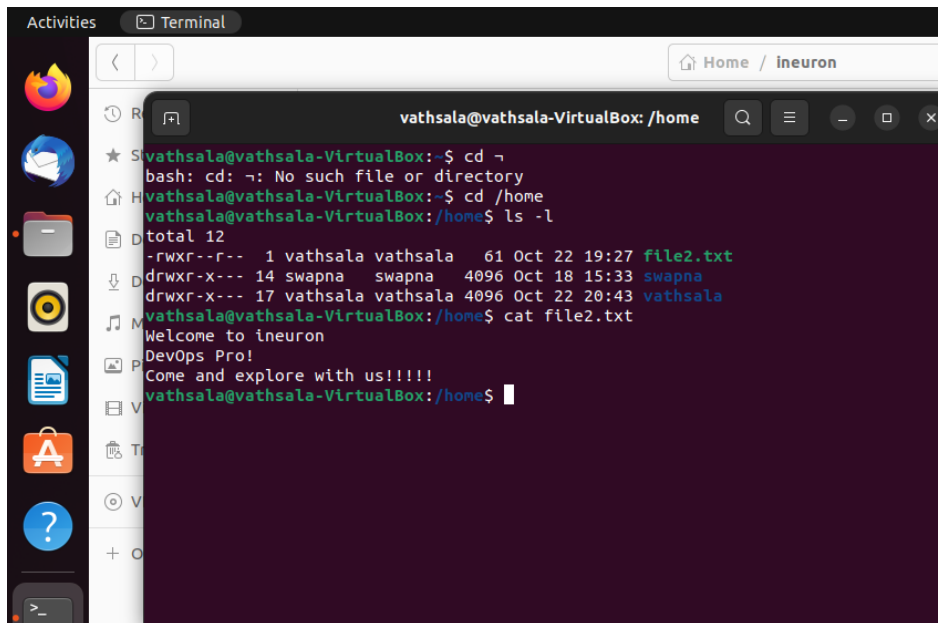
Created another file named file2.txt and copied data from file1.txt to file2.txt.



A terminal window titled 'root@vathsala-VirtualBox: ~'. The user switches to the root user using 'su -' and provides the password. Then, they use 'sudo passwd root' to change the root password. After switching back to the vathsala user with 'su -', they enter 'cd ineuron', which results in an error: '-bash: cd: ineuron: No such file or directory'. Finally, they run 'ls -l' showing the current directory contents, and then 'mkdir ineuron' to create the directory.

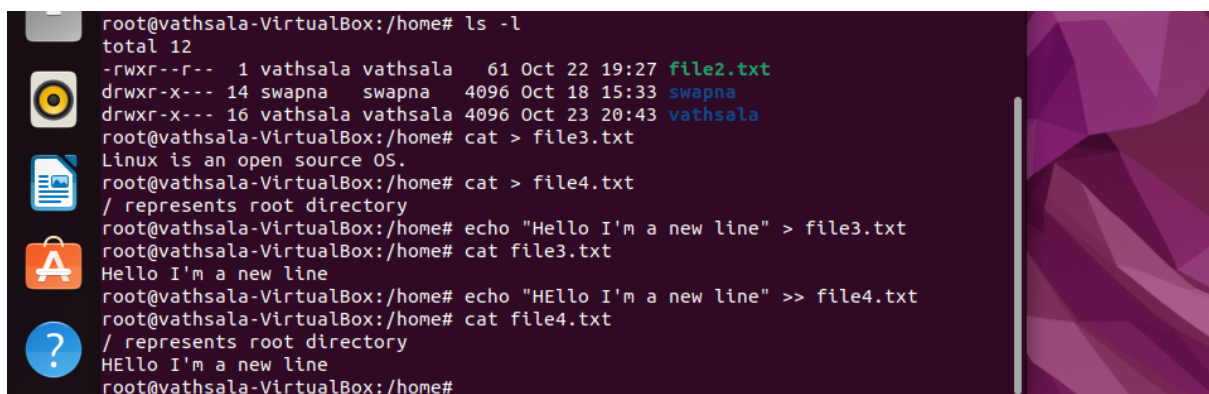
```
root@vathsala-VirtualBox: ~
vathsala@vathsala-VirtualBox:~$ su -
Password:
Hsu: Authentication failure
vathsala@vathsala-VirtualBox:~$ sudo passwd root
New password:
Retype new password:
passwd: password updated successfully
vathsala@vathsala-VirtualBox:~$ su -
Password:
root@vathsala-VirtualBox:~# cd ineuron
-bash: cd: ineuron: No such file or directory
root@vathsala-VirtualBox:~# ls -l
total 4
drwx----- 5 root root 4096 Oct 16 11:07 snap
root@vathsala-VirtualBox:~# mkdir ineuron
```

Logged in as root user to move the file into home folder.



```
vathsalas@vathsalas-VirtualBox: /home
vathsalas@vathsalas-VirtualBox:~$ cd ~
bash: cd: ~: No such file or directory
vathsalas@vathsalas-VirtualBox:~$ cd /home
vathsalas@vathsalas-VirtualBox:/home$ ls -l
total 12
-rwxr--r-- 1 vathsalas vathsalas 61 Oct 22 19:27 file2.txt
drwxr-x--- 14 swapna swapna 4096 Oct 18 15:33 swapna
drwxr-x--- 17 vathsalas vathsalas 4096 Oct 22 20:43 vathsalas
vathsalas@vathsalas-VirtualBox:/home$ cat file2.txt
Welcome to ineuron
DevOps Pro!
Come and explore with us!!!!
vathsalas@vathsalas-VirtualBox:/home$
```

Now we can see file2.txt in home folder.

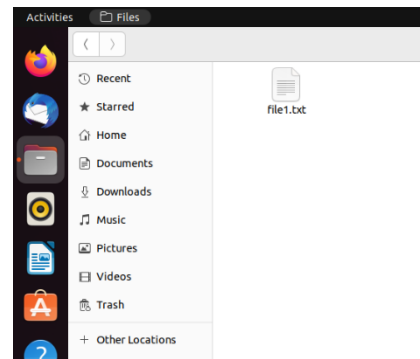
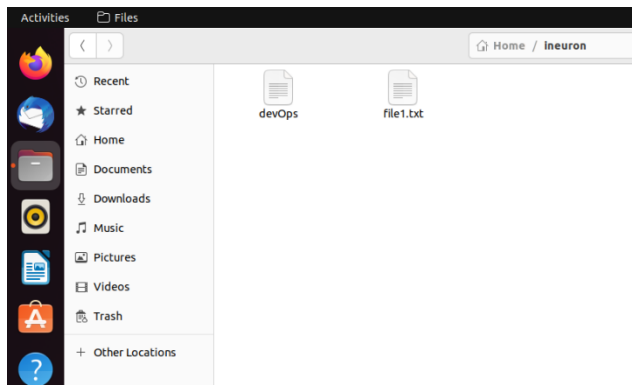


```
root@vathsalas-VirtualBox:/home# ls -l
total 12
-rwxr--r-- 1 vathsalas vathsalas 61 Oct 22 19:27 file2.txt
drwxr-x--- 14 swapna swapna 4096 Oct 18 15:33 swapna
drwxr-x--- 16 vathsalas vathsalas 4096 Oct 23 20:43 vathsalas
root@vathsalas-VirtualBox:/home# cat > file3.txt
Linux is an open source OS.
root@vathsalas-VirtualBox:/home# cat > file4.txt
/ represents root directory
root@vathsalas-VirtualBox:/home# echo "Hello I'm a new line" > file3.txt
root@vathsalas-VirtualBox:/home# cat file3.txt
Hello I'm a new line
root@vathsalas-VirtualBox:/home# echo "Hello I'm a new line" >> file4.txt
root@vathsalas-VirtualBox:/home# cat file4.txt
/ represents root directory
Hello I'm a new line
root@vathsalas-VirtualBox:/home#
```

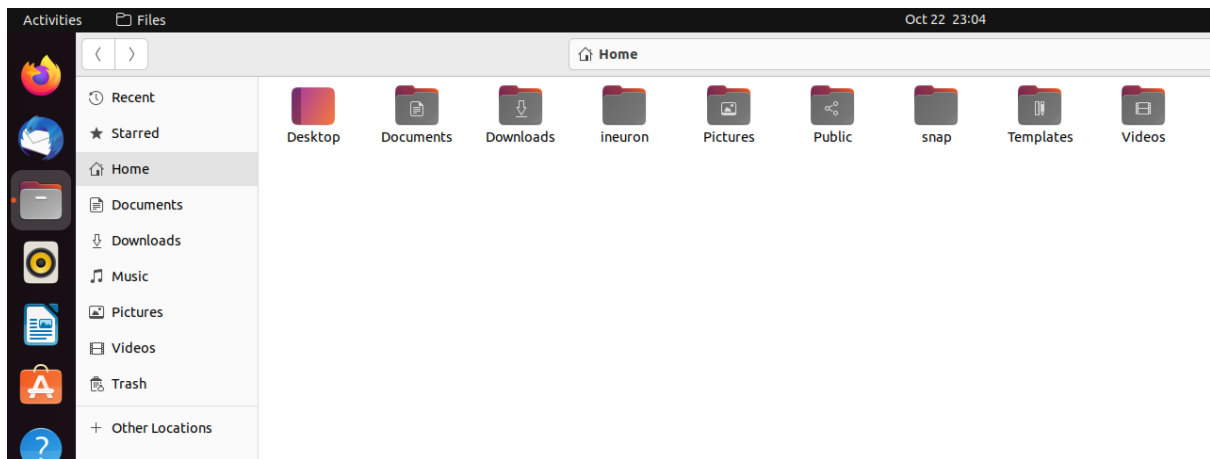
Created a new files named file3.txt and file4.txt added some content followed by executing echo “Hello I’m a new line” > file3.txt and echo “Hello I’m a new line”>> file4.txt.

Output shows that after executing echo “Hello I’m a new line”>file3.txt it adds the new line replacing the already present content in file.

Output shows that after executing echo “Hello I’m a new line”>>file3.txt it adds the new line next to the already present content in file.



To delete a file `rm devOps` command removes the devOps file as shown above.



To delete a directory `rmdir Music` command removes Music directory.