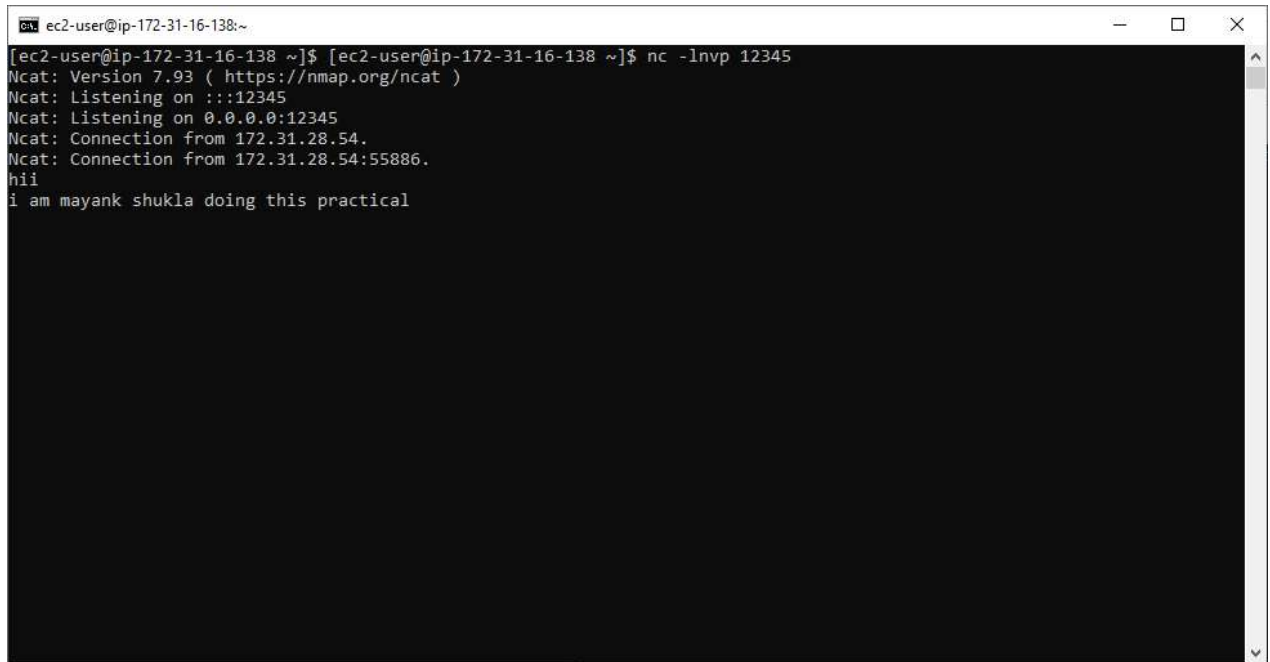


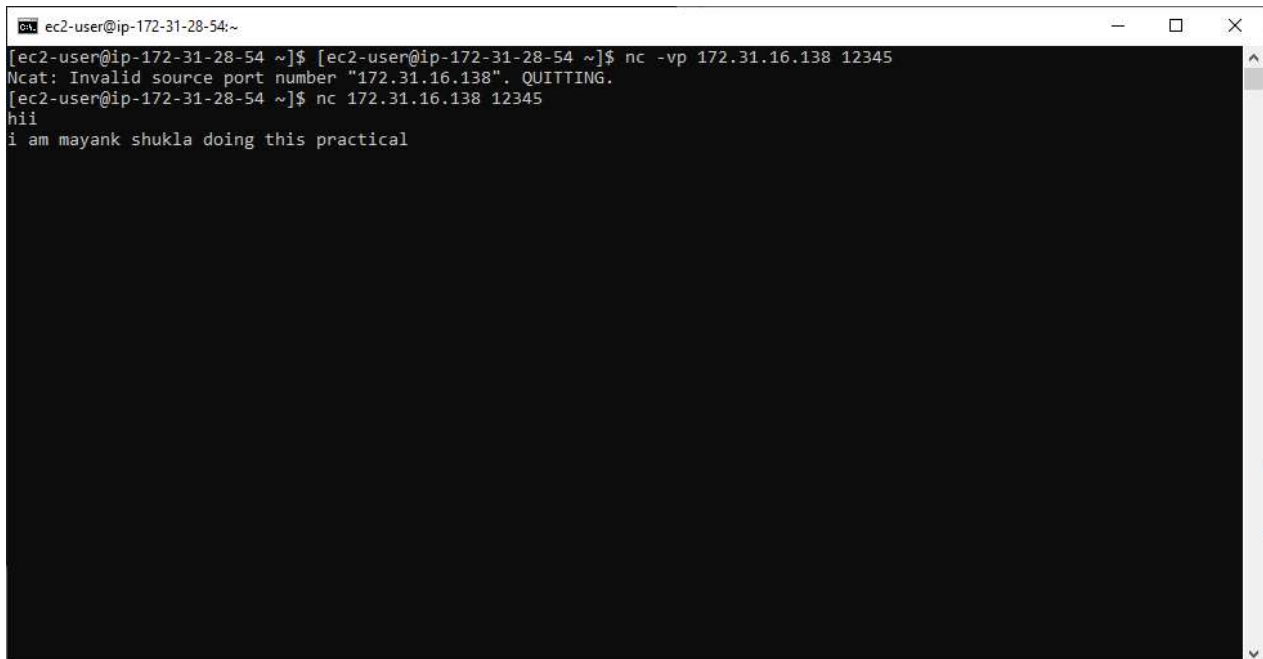
Practical 9: Explore the utility tool NetCat.

Private Chat:- download netcat file from browser. On both system open that file location cmd Type given code in screenshot. Using that that code you can make your private chat.

ScreenShot:-



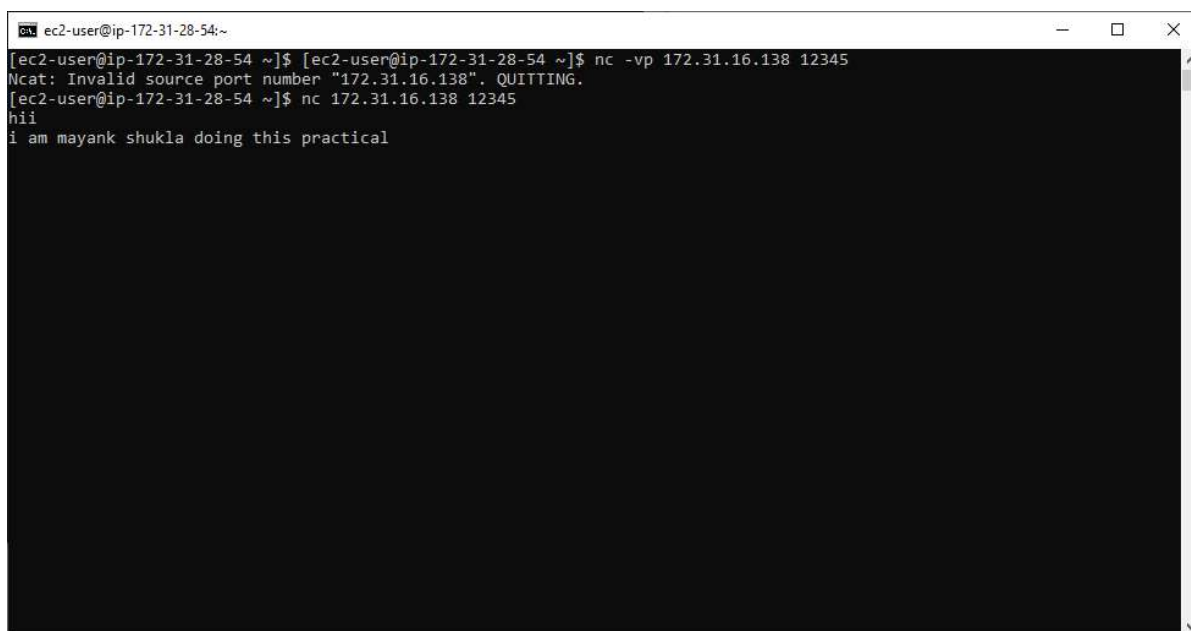
```
ec2-user@ip-172-31-16-138:~  
[ec2-user@ip-172-31-16-138 ~]$ [ec2-user@ip-172-31-16-138 ~]$ nc -lnvp 12345  
Ncat: Version 7.93 ( https://nmap.org/ncat )  
Ncat: Listening on :::12345  
Ncat: Listening on 0.0.0.0:12345  
Ncat: Connection from 172.31.28.54.  
Ncat: Connection from 172.31.28.54:55886.  
hii  
i am mayank shukla doing this practical
```



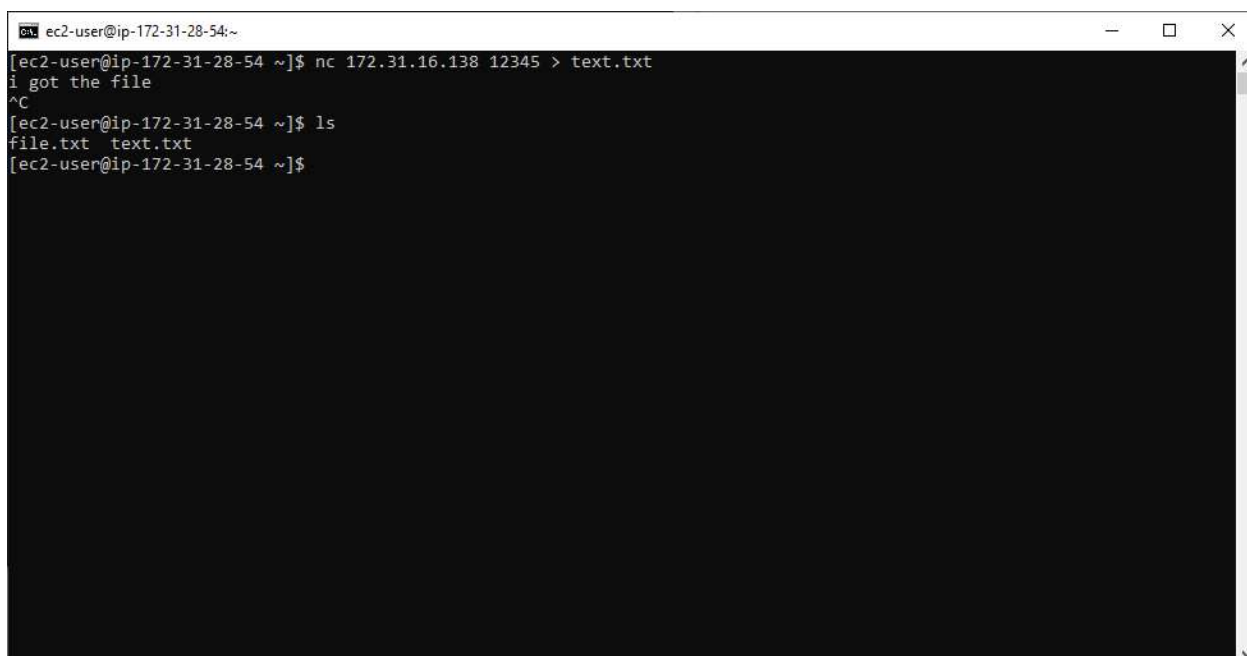
```
ec2-user@ip-172-31-28-54:~  
[ec2-user@ip-172-31-28-54 ~]$ [ec2-user@ip-172-31-28-54 ~]$ nc -vp 172.31.16.138 12345  
Ncat: Invalid source port number "172.31.16.138". QUITTING.  
[ec2-user@ip-172-31-28-54 ~]$ nc 172.31.16.138 12345  
hii  
i am mayank shukla doing this practical
```

FileTransfer:-fromonesystem“nc-l-v-p12345<abc.txt”usingthiscommandthisfile send on port no 12345 .in another system type this command “nc ip 12345> abc.txt” you can download or access that file.

Screenshot:



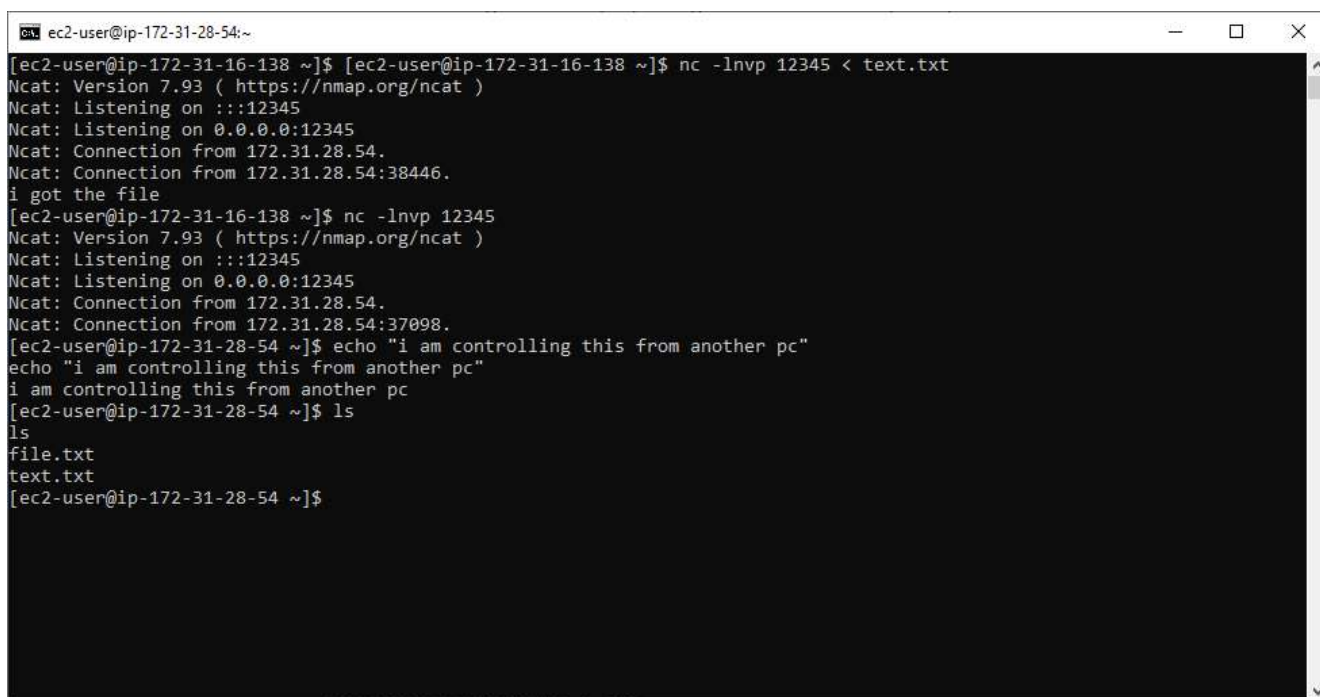
```
ec2-user@ip-172-31-28-54:~$ nc -vp 172.31.16.138 12345
Ncat: Invalid source port number "172.31.16.138". QUITTING.
[ec2-user@ip-172-31-28-54 ~]$ nc 172.31.16.138 12345
hii
i am mayank shukla doing this practical
```



```
ec2-user@ip-172-31-28-54:~$ nc 172.31.16.138 12345 > text.txt
i got the file
^C
[ec2-user@ip-172-31-28-54 ~]$ ls
file.txt  text.txt
[ec2-user@ip-172-31-28-54 ~]$
```

Accessing CMD/terminal of other pc :- first write command “nc ip 12345” on that pc from which you want access cmd of other pc . after that write command “nc-l-v-p12345 -e cmd.exe” from pc-2 now cmd is accessed now you can anything which you want do in pc-2 from pc-1’s cmd in below given screen shot we delete one file which on desktop in pc-2 but we delete
from pc-1’s cmd.

ScreenShot:-



```
ec2-user@ip-172-31-28-54:~  
[ec2-user@ip-172-31-16-138 ~]$ [ec2-user@ip-172-31-16-138 ~]$ nc -lnvp 12345 < text.txt  
Ncat: Version 7.93 ( https://nmap.org/ncat )  
Ncat: Listening on :::12345  
Ncat: Listening on 0.0.0.0:12345  
Ncat: Connection from 172.31.28.54.  
Ncat: Connection from 172.31.28.54:38446.  
i got the file  
[ec2-user@ip-172-31-16-138 ~]$ nc -lnvp 12345  
Ncat: Version 7.93 ( https://nmap.org/ncat )  
Ncat: Listening on :::12345  
Ncat: Listening on 0.0.0.0:12345  
Ncat: Connection from 172.31.28.54.  
Ncat: Connection from 172.31.28.54:37098.  
[ec2-user@ip-172-31-28-54 ~]$ echo "i am controlling this from another pc"  
echo "i am controlling this from another pc"  
i am controlling this from another pc  
[ec2-user@ip-172-31-28-54 ~]$ ls  
ls  
file.txt  
text.txt  
[ec2-user@ip-172-31-28-54 ~]$
```