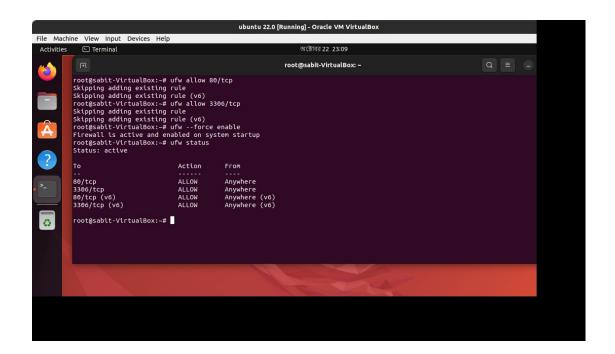
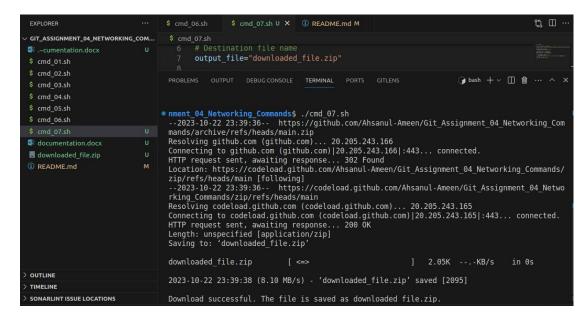
check ports open in the current system

```
OUTPUT
                     DEBUG CONSOLE
                                    TERMINAL
nment_04_Networking_Commands$ ./cmd 05.sh
 Open TCP and UDP ports:
 Netid State Recv-Q Send-Q
                                     Local Address:Port Peer Address:PortProcess
                                           0.0.0.0:40723
        UNCONN 0
                                                                  0.0.0.0:*
        UNCONN 0
                                     127.0.0.53%lo:53
                                                                  0.0.0.0:*
 udp
                                          127.0.0.1:323
                                                                  0.0.0.0:*
        UNCONN 0
 udp
                                                                  0.0.0.0:*
0.0.0.0:*
        UNCONN 0
                                            0.0.0.0:53744
 udp
 udp
        UNCONN 0
                                            0.0.0.0:631
        UNCONN 0
                                       224.0.0.251:5353
                                                                  0.0.0.0:*
 udp
                        0
                                            0.0.0.0:5353
0.0.0.0:54963
                                                                  0.0.0.0:*
0.0.0.0:*
        UNCONN 0
                        0
 udp
 udp
        UNCONN 0
        UNCONN 0
                                            0.0.0.0:42843
                                                                  0.0.0.0:*
 udp
                                            0.0.0.0:46980
0.0.0.0:35181
                                                                  0.0.0.0:*
0.0.0.0:*
        UNCONN 0
 abu
        UNCONN 0
 udp
                                                                  0.0.0.0:*
 udp
        UNCONN 0
                                            0.0.0.0:43387
                                               [::]:53025
[::1]:323
                                                                      [::]:*
[::]:*
        UNCONN 0
 udp
        UNCONN 0
                        0
 udp
        UNCONN 0
                        0
 udp
                                                           Ln 3, Col 1 Spaces: 2 UTF-8 LF Shell Script ) 🚨
rLint focus: overall code
```

enable port 80 and 3306 in vm



## download any file or software using terminal



## get web data response from terminal

```
(base) absanul@ahsanul-IPP-ProBook-440-G4:-/Documents/DevOps_Course/Assignment_04/Git_Assignment_04_Networking_Commands$ ./cmd_08.sh cl:-
Bull by Eric Mill: twitter.com/konklone
With huge thanks to Brandon Jones: twitter.com/btj

Bug reports and stuff:
glithub.com/isitchristmas/web/issues

Open the developer console (around Christmas).

-->

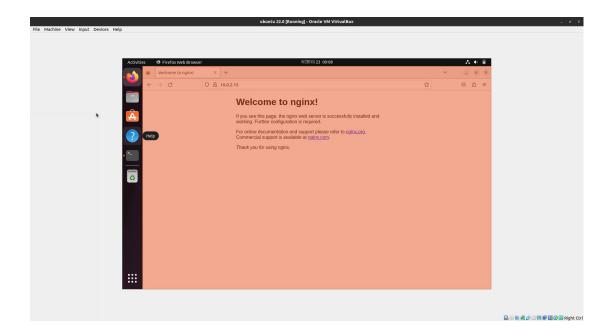
*/idoctype html>
chtml lang="en">

*/mape Viewer authors" href="/humans.txt" />

**meta charset="utf-8" />
**ctitle=1s it Christmass/<ftitle>

*clink rel="shortcut icon" href="/lcons/large.png" />

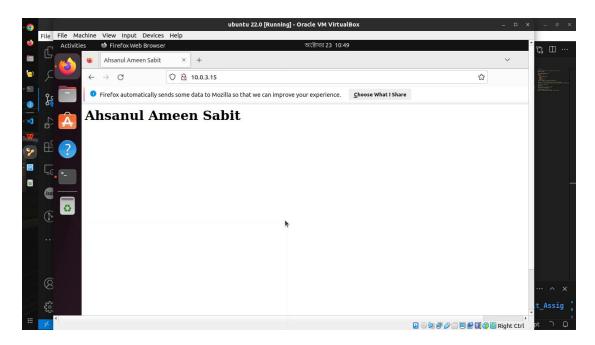
*clink rel="apple-touch-icon" sizes="144444" href="/icons/144.png"/>
**eneta name="thene-color" content="#fff"/>
**eneta name="thene-co
```



create a mysql database server in vm and access it from host machine (faced some issues with ssh when connecting from host machine, so attched from VM)

```
sabit@sabit-VirtualBox:~$ mysql -u sabit -p
Enter password:
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 14
Server version: 8.0.34-Oubuntu0.22.04.1 (Ubuntu)
Copyright (c) 2000, 2023, Oracle and/or its affiliates.
Oracle is a registered trademark of Oracle Corporation and/or its
affiliates. Other names may be trademarks of their respective
owners.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
mysql> SHOW DATABASES;
Database
 information_schema |
 performance_schema
 sys
 ------
```

replace default nginx page with an index.html page containing your name and access it from web browser



display the same index.html file in "your\_name.com" by utilizing hostname of vm and host machine

(issue with ssh, we need to do the same with VM IP in host machine, ping ahsanul\_ameen.com)

