```
ufw is already the newest version (0.36-6).
ufw set to manually installed.
You might want to run 'apt --fix-broken install' to correct these.
The following packages have unmet dependencies:
 packettracer : Depends: dialog but it is not going to be installed
E: Unmet dependencies. Try 'apt --fix-broken install' with no packages (or specify a solution).
(anaconda3) ali@p180058:~$ sudo ufw status
Status: active

To                         Action       From
--                         ------       ----
Samba                      ALLOW        Anywhere
Apache                     ALLOW        Anywhere
Apache Full                ALLOW        Anywhere
Apache Secure              ALLOW        Anywhere
Samba (v6)                 ALLOW        Anywhere (v6)
Apache (v6)                ALLOW        Anywhere (v6)
Apache Full (v6)           ALLOW        Anywhere (v6)
Apache Secure (v6)         ALLOW        Anywhere (v6)

(anaconda3) ali@p180058:~$ sudo ufw status verbose
Status: active
Logging: on (low)
Default: deny (incoming), allow (outgoing), disabled (routed)
New profiles: skip

To                         Action       From
--                         ------       ----
137,138/udp (Samba)        ALLOW IN     Anywhere
139,445/tcp (Samba)        ALLOW IN     Anywhere
80/tcp (Apache)            ALLOW IN     Anywhere
80,443/tcp (Apache Full)   ALLOW IN     Anywhere
443/tcp (Apache Secure)    ALLOW IN     Anywhere
137,138/udp (Samba (v6))   ALLOW IN     Anywhere (v6)
139,445/tcp (Samba (v6))   ALLOW IN     Anywhere (v6)
80/tcp (Apache (v6))       ALLOW IN     Anywhere (v6)
80,443/tcp (Apache Full (v6)) ALLOW IN    Anywhere (v6)
443/tcp (Apache Secure (v6)) ALLOW IN     Anywhere (v6)

(anaconda3) ali@p180058:~$ sudo ufw status numbered
Status: active

     To                        Action       From
     --                        ------       ----
[ 1] Samba                     ALLOW IN     Anywhere
[ 2] Apache                    ALLOW IN     Anywhere
[ 3] Apache Full               ALLOW IN     Anywhere
[ 4] Apache Secure             ALLOW IN     Anywhere
[ 5] Samba (v6)                ALLOW IN     Anywhere (v6)
[ 6] Apache (v6)               ALLOW IN     Anywhere (v6)
[ 7] Apache Full (v6)          ALLOW IN     Anywhere (v6)
[ 8] Apache Secure (v6)        ALLOW IN     Anywhere (v6)

(anaconda3) ali@p180058:~$
```

```
(anaconda3) ali@p180058:~$ sudo ufw enable
Firewall is active and enabled on system startup
(anaconda3) ali@p180058:~$ sudo ufw disable
Firewall stopped and disabled on system startup
(anaconda3) ali@p180058:~$ sudo ufw default deny incoming
Default incoming policy changed to 'deny'
(be sure to update your rules accordingly)
(anaconda3) ali@p180058:~$ sudo ufw default allow outgoing
Default outgoing policy changed to 'allow'
(be sure to update your rules accordingly)
(anaconda3) ali@p180058:~$ sudo ufw allow ssh
Rules updated
Rules updated (v6)
(anaconda3) ali@p180058:~$ sudo ufw allow 22
Rules updated
Rules updated (v6)
(anaconda3) ali@p180058:~$ sudo ufw deny ssh
Rules updated
Rules updated (v6)
(anaconda3) ali@p180058:~$ sudo ufw allow http
Rules updated
Rules updated (v6)
(anaconda3) ali@p180058:~$ sudo ufw allow 80
Rules updated
Rules updated (v6)
(anaconda3) ali@p180058:~$ sudo ufw allow https
Rules updated
Rules updated (v6)
(anaconda3) ali@p180058:~$ sudo ufw allow 443
Rules updated
Rules updated (v6)
```

```
(anaconda3) ali@p180058:~$ sudo ufw allow proto tcp from any to any port 80,443 comment 'to enable http a
nd https together'
Rules updated
Rules updated (v6)
(anaconda3) ali@p180058:~$ sudo ufw deny proto tcp from any to any port 80,443 comment 'to disable http a
nd https together'
Rules updated
Rules updated (v6)
(anaconda3) ali@p180058:~$ sudo ufw allow ftp
Rules updated
Rules updated (v6)
(anaconda3) ali@p180058:~$ sudo ufw allow 21/tcp
Skipping adding existing rule
Skipping adding existing rule (v6)
(anaconda3) ali@p180058:~$ ufw allow from 192.168.1.1
ERROR: You need to be root to run this script
(anaconda3) ali@p180058:~$ sudo ufw allow from 192.168.1.1
Rules updated
(anaconda3) ali@p180058:~$ sudo ufw allow from 192.168.1.103 to any port 22
Rules updated
(anaconda3) ali@p180058:~$ sudo ufw allow from 192.168.1.103 to any port 22 comment 'ip address 192.168.1
.103 to access only ssh'
Rules updated
(anaconda3) ali@p180058:~$ sudo ufw allow from 192.168.1.103/24 to any port 22 comment 'subnet addresses
192.168.1.103 to access only ssh'
WARN: Rule changed after normalization
Rules updated
(anaconda3) ali@p180058:~$ sudo ufw enable
Firewall is active and enabled on system startup
(anaconda3) ali@p180058:~$
```

```
(anaconda3) ali@p180058:~$ sudo ufw status
Status: active

To                         Action      From
--                         ------      ----
Samba                      ALLOW       Anywhere
Apache                     ALLOW       Anywhere
Apache Full                ALLOW       Anywhere
Apache Secure              ALLOW       Anywhere
22/tcp                     DENY        Anywhere
22                         ALLOW       Anywhere
80/tcp                     ALLOW       Anywhere
80                         ALLOW       Anywhere
443/tcp                    ALLOW       Anywhere
443                        ALLOW       Anywhere
80,443/tcp                 DENY        Anywhere                  # to disable http and https together
21/tcp                     ALLOW       Anywhere
Anywhere                   ALLOW       192.168.1.1
22                         ALLOW       192.168.1.103             # ip address 192.168.1.103 to access only ssh
22                         ALLOW       192.168.1.0/24            # subnet addresses 192.168.1.103 to access only ssh
Samba (v6)                 ALLOW       Anywhere (v6)
Apache (v6)                ALLOW       Anywhere (v6)
Apache Full (v6)           ALLOW       Anywhere (v6)
Apache Secure (v6)         ALLOW       Anywhere (v6)
22/tcp (v6)                DENY        Anywhere (v6)
22 (v6)                    ALLOW       Anywhere (v6)
80/tcp (v6)                ALLOW       Anywhere (v6)
80 (v6)                    ALLOW       Anywhere (v6)
443/tcp (v6)               ALLOW       Anywhere (v6)
443 (v6)                   ALLOW       Anywhere (v6)
80,443/tcp (v6)            DENY        Anywhere (v6)             # to disable http and https together
21/tcp (v6)                ALLOW       Anywhere (v6)
```

```
(anaconda3) ali@p180058:~$ sudo ufw status verbose
Status: active
Logging: on (low)
Default: deny (incoming), allow (outgoing), disabled (routed)
New profiles: skip

To                         Action      From
--                         ------      ----
137,138/udp (Samba)        ALLOW IN    Anywhere
139,445/tcp (Samba)        ALLOW IN    Anywhere
80/tcp (Apache)            ALLOW IN    Anywhere
80,443/tcp (Apache Full)   ALLOW IN    Anywhere
443/tcp (Apache Secure)    ALLOW IN    Anywhere
22/tcp                     DENY IN     Anywhere
22                         ALLOW IN    Anywhere
80/tcp                     ALLOW IN    Anywhere
80                         ALLOW IN    Anywhere
443/tcp                    ALLOW IN    Anywhere
443                        ALLOW IN    Anywhere
80,443/tcp                 DENY IN     Anywhere                 # to disable http and https together
21/tcp                     ALLOW IN    Anywhere
Anywhere                   ALLOW IN    192.168.1.1
22                         ALLOW IN    192.168.1.103            # ip address 192.168.1.103 to access only ssh
22                         ALLOW IN    192.168.1.0/24           # subnet addresses 192.168.1.103 to access only ssh
137,138/udp (Samba (v6))   ALLOW IN    Anywhere (v6)
139,445/tcp (Samba (v6))   ALLOW IN    Anywhere (v6)
80/tcp (Apache (v6))       ALLOW IN    Anywhere (v6)
80,443/tcp (Apache Full (v6)) ALLOW IN    Anywhere (v6)
443/tcp (Apache Secure (v6)) ALLOW IN    Anywhere (v6)
22/tcp (v6)                DENY IN     Anywhere (v6)
22 (v6)                    ALLOW IN    Anywhere (v6)
80/tcp (v6)                ALLOW IN    Anywhere (v6)
80 (v6)                    ALLOW IN    Anywhere (v6)
443/tcp (v6)               ALLOW IN    Anywhere (v6)
443 (v6)                   ALLOW IN    Anywhere (v6)
80,443/tcp (v6)            DENY IN     Anywhere (v6)            # to disable http and https together
21/tcp (v6)                ALLOW IN    Anywhere (v6)
```

```
(anaconda3) ali@p180058:~$ sudo ufw status numbered
Status: active

     To                          Action      From
     --                          ------      ----
[ 1] Samba                       ALLOW IN    Anywhere
[ 2] Apache                      ALLOW IN    Anywhere
[ 3] Apache Full                 ALLOW IN    Anywhere
[ 4] Apache Secure               ALLOW IN    Anywhere
[ 5] 22/tcp                      DENY IN     Anywhere
[ 6] 22                          ALLOW IN    Anywhere
[ 7] 80/tcp                      ALLOW IN    Anywhere
[ 8] 80                          ALLOW IN    Anywhere
[ 9] 443/tcp                     ALLOW IN    Anywhere
[10] 443                         ALLOW IN    Anywhere
[11] 80,443/tcp                  DENY IN     Anywhere                  # to disable http and https together
[12] 21/tcp                      ALLOW IN    Anywhere
[13] Anywhere                    ALLOW IN    192.168.1.1
[14] 22                          ALLOW IN    192.168.1.103             # ip address 192.168.1.103 to access only ssh
[15] 22                          ALLOW IN    192.168.1.0/24            # subnet addresses 192.168.1.103 to access only ssh
[16] Samba (v6)                  ALLOW IN    Anywhere (v6)
[17] Apache (v6)                 ALLOW IN    Anywhere (v6)
[18] Apache Full (v6)            ALLOW IN    Anywhere (v6)
[19] Apache Secure (v6)          ALLOW IN    Anywhere (v6)
[20] 22/tcp (v6)                 DENY IN     Anywhere (v6)
[21] 22 (v6)                     ALLOW IN    Anywhere (v6)
[22] 80/tcp (v6)                 ALLOW IN    Anywhere (v6)
[23] 80 (v6)                     ALLOW IN    Anywhere (v6)
[24] 443/tcp (v6)                ALLOW IN    Anywhere (v6)
[25] 443 (v6)                    ALLOW IN    Anywhere (v6)
[26] 80,443/tcp (v6)             DENY IN     Anywhere (v6)             # to disable http and https together
[27] 21/tcp (v6)                 ALLOW IN    Anywhere (v6)

(anaconda3) ali@p180058:~$ sudo ufw delete 26
Deleting:
 deny 80,443/tcp comment 'to disable http and https together'
Proceed with operation (y|n)? y
Rule deleted (v6)
(anaconda3) ali@p180058:~$ sudo ufw reset
Resetting all rules to installed defaults. Proceed with operation (y|n)? y
Backing up 'user.rules' to '/etc/ufw/user.rules.20201102_124826'
Backing up 'before.rules' to '/etc/ufw/before.rules.20201102_124826'
Backing up 'after.rules' to '/etc/ufw/after.rules.20201102_124826'
Backing up 'user6.rules' to '/etc/ufw/user6.rules.20201102_124826'
Backing up 'before6.rules' to '/etc/ufw/before6.rules.20201102_124826'
Backing up 'after6.rules' to '/etc/ufw/after6.rules.20201102_124826'
```