```
File  Actions  Edit  View  Help
┌──(black㉿vbox)-[~]
└─$ sudo apt install ufw
[sudo] password for black:
The following packages were automatically installed and are no longer required:
  cpp-13                    libboost-thread1.74.0  libgl1-mesa-dev       libhdf5-hl-100             libpython2-stdlib      libpython3.12-stdlib   librdmacm1         python2-minimal    python3.11-dev     samba-dsdb-modules
  fonts-liberation2         libboost1.83-dev       libgles-dev           libiberbs1                 libpython2.7-minimal   libqscintilla2-qt5-l10n libsuperlu6       python2.7          python3.11-minimal samba-vfs-modules
  fonts-noto-color-emoji    libcephfs2             libgles1              libicu-dev                 libpython2.7-stdlib    libqt5designer5        libtirpc-dev       python2.7-minimal  python3.12         subversion
  geoclue-2.0               libegl-dev             libglu1-mesa-dev      liblbfgsb0                 libpython3-all-dev     libqt5help5            libutempter0       python3-all-dev    python3.12-dev     xtl-dev
  gss-ntlmssp               libfcgi-bin            libglusterfs0         libnetcdf19                libpython3.11          libqt5positioning5     libxext-dev        python3-beniget    python3.12-minimal
  ibverbs-providers         libgdal34              libglut-dev           libnsl-dev                 libpython3.11-dev      libqt5sensors5         libxsimd-dev       python3-gast       qt6-base-dev-tools
  icu-devtools              libgeos3.12.1          libglut3.12           libopenblas-dev            libpython3.11-minimal  libqt5sql5-sqlite      offsec-awae-python2 python3-gpg        qtbase5-dev-tools
  l10-sensor-proxy          libgfapi0              libglvnd-core-dev     libopenblas-pthread-dev    libpython3.11-stdlib   libqt5sql5t64          pyqt6-dev-tools    python3-opengl     qtchooser
  libarmadillo12            libgfrpc0              libglvnd-dev          libopenblas0               libpython3.12          libqt5webchannel5      python-cffi        python3-pyqt5.sip  rwho
  libboost-dev              libgfxdr0              libglx-dev            libopengl-dev              libpython3.12-dev      libqt5xml5t64          python-cffi-backend python3-pythran    rwhod
  libboost-iostreams1.74.0  libgl-dev             libhdf5-103-1         libpthread-stubs0-dev      libpython3.12-minimal  librados2              python2            python3.11         samba-ad-provision
Use 'sudo apt autoremove' to remove them.

Installing:
  ufw

Suggested packages:
  rsyslog

Summary:
  Upgrading: 0, Installing: 1, Removing: 0, Not Upgrading: 1910
  Download size: 169 kB
  Space needed: 880 kB / 28.2 GB available

Get:1 http://kali.download/kali kali-rolling/main amd64 ufw all 0.36.2-9 [169 kB]
Fetched 169 kB in 1s (327 kB/s)
Preconfiguring packages ...
Selecting previously unselected package ufw.
(Reading database ... 435821 files and directories currently installed.)
Preparing to unpack ... /archives/ufw_0.36.2-9_all.deb ...
Unpacking ufw (0.36.2-9) ...
Setting up ufw (0.36.2-9) ...

Creating config file /etc/ufw/before.rules with new version

Creating config file /etc/ufw/before6.rules with new version

Creating config file /etc/ufw/after.rules with new version

Creating config file /etc/ufw/after6.rules with new version
update-rc.d: We have no instructions for the ufw init script.
update-rc.d: It looks like a non-network service, we enable it.
Created symlink '/etc/systemd/system/multi-user.target.wants/ufw.service' → '/usr/lib/systemd/system/ufw.service'.
Processing triggers for kali-menu (2023.4.7) ...
Processing triggers for man-db (2.12.0-3) ...

┌──(black㉿vbox)-[~]
└─$ sudo ufw enable
Firewall is active and enabled on system startup

┌──(black㉿vbox)-[~]
└─$ sudo ufw status verbose
Status: active
Logging: on (low)
Default: deny (incoming), allow (outgoing), disabled (routed)
New profiles: skip
```



```
File  Actions  Edit  View  Help
Default: deny (incoming), allow (outgoing), disabled (routed)
New profiles: skip

┌──(black㉿vbox)-[~]
└─$ sudo ufw default deny incoming
Default incoming policy changed to 'deny'
(be sure to update your rules accordingly)

┌──(black㉿vbox)-[~]
└─$ sudo ufw default allow outgoing
Default outgoing policy changed to 'allow'
(be sure to update your rules accordingly)

┌──(black㉿vbox)-[~]
└─$ sudo ufw allow ssh
Rule added
Rule added (v6)

┌──(black㉿vbox)-[~]
└─$ sudo ufw allow http
Rule added
Rule added (v6)

┌──(black㉿vbox)-[~]
└─$ sudo ufw allow https
Rule added
Rule added (v6)

┌──(black㉿vbox)-[~]
└─$ sudo ufw allow 80/tcp
Skipping adding existing rule
Skipping adding existing rule (v6)

┌──(black㉿vbox)-[~]
└─$ sudo ufw allow 8080
Rule added
Rule added (v6)

┌──(black㉿vbox)-[~]
└─$ sudo ufw allow from 192.168.1.100
Rule added

┌──(black㉿vbox)-[~]
└─$ sudo ufw status numbered
Status: active

     To                    Action      From
     --                    ------      ----
[ 1] 22/tcp                ALLOW IN    Anywhere
[ 2] 80/tcp                ALLOW IN    Anywhere
[ 3] 443                   ALLOW IN    Anywhere
[ 4] 8080                  ALLOW IN    Anywhere
[ 5] Anywhere              ALLOW IN    192.168.1.100
[ 6] 22/tcp (v6)           ALLOW IN    Anywhere (v6)
[ 7] 80/tcp (v6)           ALLOW IN    Anywhere (v6)
[ 8] 443 (v6)              ALLOW IN    Anywhere (v6)
[ 9] 8080 (v6)             ALLOW IN    Anywhere (v6)

┌──(black㉿vbox)-[~]
└─$
```