

```
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ hashdeep -V
4.4
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ man hashdeep
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ hashdeep hashtry.txt
%%%%%%%% HASHDEEP-1.0
%%%%%%%% size,md5,sha256,filename
## Invoked from: /home/sanchi
## $ hashdeep hashtry.txt
##
4,8f601f0f699997238b2a1db572475efc,d32d20cc9258d747cfc987279ea3c282c28edbfbb02c5280d
c625b4c04da7646,/home/sanchi/hashtry.txt
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ hash -b hashtry.txt
bash: hash: -b: invalid option
hash: usage: hash [-lr] [-p pathname] [-dt] [name ...]
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ hashdeep -b hashtry.txt
%%%%%%%% HASHDEEP-1.0
%%%%%%%% size,md5,sha256,filename
## Invoked from: /home/sanchi
## $ hashdeep -b hashtry.txt
##
4,8f601f0f699997238b2a1db572475efc,d32d20cc9258d747cfc987279ea3c282c28edbfbb02c5280d
c625b4c04da7646,hashtry.txt
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ hashdeep -c md5,sha1,sha256,tiger hashtry.txt
%%%%%%%% HASHDEEP-1.0
%%%%%%%% size,md5,sha1,sha256,tiger,filename
## Invoked from: /home/sanchi
## $ hashdeep -c md5,sha1,sha256,tiger hashtry.txt
##
4,8f601f0f699997238b2a1db572475efc,7676f1f3b526f05b530a3566211dab5a5225af9a,d32d20cc9
258d747cfc987279ea3c282c28edbfbb02c5280dc625b4c04da7646,17d2e500c6985eb3356726c4c74
76db3eb85e95815bf6f0e,/home/sanchi/hashtry.txt
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ hashdeep -c mad5 *.txt
hashdeep: Unknown algorithm: mad5
Try `hashdeep -h` for more information.
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ hashdeep -c md5 *.txt
%%%%%%%% HASHDEEP-1.0
%%%%%%%% size,md5,filename
## Invoked from: /home/sanchi
## $ hashdeep -c md5 hashset1.txt hashtry.txt myfile.txt pattern.txt test1.txt
##
4,8f601f0f699997238b2a1db572475efc,/home/sanchi/hashtry.txt
/home/sanchi/test1.txt: Is a directory
0,d41d8cd98f00b204e9800998ecf8427e,/home/sanchi/pattern.txt
59,7dd631c4727b33188dfac1aff6238373,/home/sanchi/myfile.txt
559356,010a9a70b85abd37d119c212cdcf77ce,/home/sanchi/hashset1.txt
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ hashdeep -c md5 -p 100 hashtry.txt
%%%%%%%% HASHDEEP-1.0
%%%%%%%% size,md5,filename
## Invoked from: /home/sanchi
## $ hashdeep -c md5 -p 100 hashtry.txt
##
```

```
4,8f601f0f699997238b2a1db572475efc,/home/sanchi/hashtry.txt offset 0-3
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ hashdeep -c md5 -p 100 hashtry.txt
%%%%%%%% HASHDEEP-1.0
%%%%%%%% size,md5,filename
## Invoked from: /home/sanchi
## $ hashdeep -c md5 -p 100 hashtry.txt
##
4,8f601f0f699997238b2a1db572475efc,/home/sanchi/hashtry.txt offset 0-3
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ hashdeep -c md5 -p 20 hashtry.txt
%%%%%%%% HASHDEEP-1.0
%%%%%%%% size,md5,filename
## Invoked from: /home/sanchi
## $ hashdeep -c md5 -p 20 hashtry.txt
##
4,8f601f0f699997238b2a1db572475efc,/home/sanchi/hashtry.txt offset 0-3
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ md5deep *.txt>hashtry.txt
/home/sanchi/test1.txt: Is a directory
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ cat hashtry.txt
d41d8cd98f00b204e9800998ecf8427e /home/sanchi/hashtry.txt
7dd631c4727b33188dfac1aff6238373 /home/sanchi/myfile.txt
d41d8cd98f00b204e9800998ecf8427e /home/sanchi/pattern.txt
010a9a70b85abd37d119c212cdf77ce /home/sanchi/hashset1.txt
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ md5deep -m hashtry.txt
```

```
^C
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ md5deep -m hashtry.txt*
^C
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ md5deep -m hashtry.txt *
/home/sanchi/client_private
/home/sanchi/demo: Is a directory
/home/sanchi/Desktop: Is a directory
/home/sanchi/Documents: Is a directory
/home/sanchi/Downloads: Is a directory
/home/sanchi/google.com: Is a directory
/home/sanchi/hashset1.txt
/home/sanchi/Music: Is a directory
/home/sanchi/myfile: Is a directory
/home/sanchi/myfile.txt
/home/sanchi/newfile: Is a directory
/home/sanchi/Pictures: Is a directory
/home/sanchi/Public: Is a directory
/home/sanchi/pattern.txt
/home/sanchi/receiver_private
/home/sanchi/sanchi_DS: Is a directory
/home/sanchi/snap: Is a directory
/home/sanchi/Templates: Is a directory
/home/sanchi/test: Is a directory
/home/sanchi/test1.txt: Is a directory
/home/sanchi/tsec.edu: Is a directory
/home/sanchi/Videos: Is a directory
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ md5deep -s -m hashtry.txt
^C
```

```
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ md5deep -s -m hashtry.txt *
/home/sanchi/client_private
/home/sanchi/hashset1.txt
/home/sanchi/myfile.txt
/home/sanchi/pattern.txt
/home/sanchi/receiver_private
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ hashdeep -c
md5,sha1,sha256-r/home/sanchi>hashtry.txt
hashdeep: Unknown algorithm: sha256-r/home/sanchi
Try `hashdeep -h` for more information.
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ hashdeep -c md5,sha1,sha256 -r
/home/sanchi>hashtry.txt
/home/sanchi/.thunderbird/yyqhlc3e.default-release/lock: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/current/.local/share/themes: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/current/.config/gtk-3.0/settings.ini: No such file or
directory
/home/sanchi/snap/snapd-desktop-integration/current/.config/gtk-3.0/gtk.css: No such file or
directory
/home/sanchi/snap/snapd-desktop-integration/current/.config/gtk-2.0/gtkfilechooser.ini: No such file
or directory
/home/sanchi/snap/snapd-desktop-integration/current/.themes: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/253/.local/share/themes: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/253/.config/gtk-3.0/settings.ini: No such file or
directory
/home/sanchi/snap/snapd-desktop-integration/253/.config/gtk-3.0/gtk.css: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/253/.config/gtk-2.0/gtkfilechooser.ini: No such file or
directory
/home/sanchi/snap/snapd-desktop-integration/253/.themes: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/157/.local/share/themes: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/157/.config/gtk-3.0/settings.ini: No such file or
directory
/home/sanchi/snap/snapd-desktop-integration/157/.config/gtk-3.0/gtk.css: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/157/.config/gtk-2.0/gtkfilechooser.ini: No such file or
directory
/home/sanchi/snap/snapd-desktop-integration/157/.themes: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-inuktitut.so: No such
file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-cyrillic-translit.so: No
such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-fcitx.so: No such file
or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-ipa.so: No such file or
directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-waylandgtk.so: No
such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-multipress.so: No
such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-cedilla.so: No such
file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-ti-et.so: No such file
or directory
```

/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-xim.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-thai.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-wayland.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-ti-er.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-viqr.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-ibus.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-broadway.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-am-et.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/gio-modules/libdconfsettings.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/gio-modules/libgiognutls.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/gio-modules/libgioenvironmentproxy.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/gio-modules/libgiolibproxy.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/gio-modules/libgiognomeproxy.so: No such file or directory
/home/sanchi/snap/firefox/current/.config/gtk-3.0/settings.ini: No such file or directory
/home/sanchi/snap/firefox/current/.config/gtk-3.0/gtk.css: No such file or directory
/home/sanchi/snap/firefox/current/.config/gtk-2.0/gtkfilechooser.ini: No such file or directory
/home/sanchi/snap/firefox/4209/.config/gtk-3.0/settings.ini: No such file or directory
/home/sanchi/snap/firefox/4209/.config/gtk-3.0/gtk.css: No such file or directory
/home/sanchi/snap/firefox/4209/.config/gtk-2.0/gtkfilechooser.ini: No such file or directory
/home/sanchi/snap/firefox/5134/.config/gtk-3.0/settings.ini: No such file or directory
/home/sanchi/snap/firefox/5134/.config/gtk-3.0/gtk.css: No such file or directory
/home/sanchi/snap/firefox/5134/.config/gtk-2.0/gtkfilechooser.ini: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-inuktitut.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-cyrillic-translit.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-fcitx.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-ipa.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-waylandgtk.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-multipress.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-cedilla.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-ti-et.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-xim.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-thai.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-wayland.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-ti-er.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-viqr.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-ibus.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-broadway.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-am-et.so: No such file or directory

^C

sanchi@lab1003-HP-280-G4-MT-Business-PC:~\$ hashdeep -c md5,sha1,sha256 -r>hashtry.txt

^[A^C

sanchi@lab1003-HP-280-G4-MT-Business-PC:~\$ hashdeep -a -r -k hashtry.txt

/home/sanchi/hashtry

hashdeep: hashtry.txt: Unable to identify file format

hashdeep: Unable to load any matching files.

Try `hashdeep -h` for more information.

sanchi@lab1003-HP-280-G4-MT-Business-PC:~\$ hashdeep -a -r -k hashtry.txt /home/sanchi

hashdeep: hashtry.txt: Unable to identify file format

hashdeep: Unable to load any matching files.

Try `hashdeep -h` for more information.

sanchi@lab1003-HP-280-G4-MT-Business-PC:~\$ sudo hashdeep -c md5,sha1,sha256 -r

/home/sanchi > hashtry.txt

[sudo] password for sanchi:

/home/sanchi/.thunderbird/yyqhlc3e.default-release/lock: No such file or directory

/home/sanchi/snap/snapd-desktop-integration/current/.local/share/themes: No such file or directory

/home/sanchi/snap/snapd-desktop-integration/current/.config/gtk-3.0/settings.ini: No such file or directory

/home/sanchi/snap/snapd-desktop-integration/current/.config/gtk-3.0/gtk.css: No such file or directory

/home/sanchi/snap/snapd-desktop-integration/current/.config/gtk-2.0/gtkfilechooser.ini: No such file or directory

/home/sanchi/snap/snapd-desktop-integration/current/.themes: No such file or directory

/home/sanchi/snap/snapd-desktop-integration/253/.local/share/themes: No such file or directory

/home/sanchi/snap/snapd-desktop-integration/253/.config/gtk-3.0/settings.ini: No such file or directory

/home/sanchi/snap/snapd-desktop-integration/253/.config/gtk-3.0/gtk.css: No such file or directory

/home/sanchi/snap/snapd-desktop-integration/253/.config/gtk-2.0/gtkfilechooser.ini: No such file or directory

/home/sanchi/snap/snapd-desktop-integration/253/.themes: No such file or directory

/home/sanchi/snap/snapd-desktop-integration/157/.local/share/themes: No such file or directory

/home/sanchi/snap/snapd-desktop-integration/157/.config/gtk-3.0/settings.ini: No such file or directory

/home/sanchi/snap/snapd-desktop-integration/157/.config/gtk-3.0/gtk.css: No such file or directory

/home/sanchi/snap/snapd-desktop-integration/157/.config/gtk-2.0/gtkfilechooser.ini: No such file or directory

/home/sanchi/snap/snapd-desktop-integration/157/.themes: No such file or directory

/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-inuktitut.so: No such file or directory

/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-cyrillic-translit.so: No such file or directory

/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-fcitx.so: No such file or directory

/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-ipa.so: No such file or directory

/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-waylandgtk.so: No such file or directory

/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-multipress.so: No such file or directory

/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-cedilla.so: No such file or directory

/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-ti-et.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-xim.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-thai.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-wayland.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-ti-er.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-viqr.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-ibus.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-broadway.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/immodules/im-am-et.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/gio-modules/libdconfsettings.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/gio-modules/libgiognutls.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/gio-modules/libgioenvironmentproxy.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/gio-modules/libgiolibproxy.so: No such file or directory
/home/sanchi/snap/snapd-desktop-integration/common/.cache/gio-modules/libgiognomeproxy.so: No such file or directory
/home/sanchi/snap/firefox/current/.config/gtk-3.0/settings.ini: No such file or directory
/home/sanchi/snap/firefox/current/.config/gtk-3.0/gtk.css: No such file or directory
/home/sanchi/snap/firefox/current/.config/gtk-2.0/gtkfilechooser.ini: No such file or directory
/home/sanchi/snap/firefox/4209/.config/gtk-3.0/settings.ini: No such file or directory
/home/sanchi/snap/firefox/4209/.config/gtk-3.0/gtk.css: No such file or directory
/home/sanchi/snap/firefox/4209/.config/gtk-2.0/gtkfilechooser.ini: No such file or directory
/home/sanchi/snap/firefox/5134/.config/gtk-3.0/settings.ini: No such file or directory
/home/sanchi/snap/firefox/5134/.config/gtk-3.0/gtk.css: No such file or directory
/home/sanchi/snap/firefox/5134/.config/gtk-2.0/gtkfilechooser.ini: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-inuktitut.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-cyrillic-translit.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-fcitx.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-ipa.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-waylandgtk.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-multipress.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-cedilla.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-ti-et.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-xim.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-thai.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-wayland.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-ti-er.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-viqr.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-ibus.so: No such file or directory

```
/home/sanchi/snap/firefox/common/.cache/immodules/im-broadway.so: No such file or directory
/home/sanchi/snap/firefox/common/.cache/immodules/im-am-et.so: No such file or directory
^C
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ sudo hashdeep -c
md5,sha1,sha256sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ hashdeep -a -r -k hashtry.txt
/home/sanchi/file
hashdeep: Audit passed
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ touch/home/sanchi/file/newfile.txt
bash: touch/home/sanchi/file/newfile.txt: No such file or directory
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ touch/home/sanchi/file/newfile.txt
bash: touch/home/sanchi/file/newfile.txt: No such file or directory
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ touch /home/sanchi/file/newfile.txt
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ hashdeep -a -r -k hashtry.txt /home/sanchi/file
hashdeep: Audit failed
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ hashdeep -v -a -r -k hashtry /home/sanchi/file
hashdeep: hashtry: No such file or directory
hashdeep: Unable to load any matching files.
Try `hashdeep -h` for more information.
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ hashdeep -v -a -r -k hashtry.txt /home/sanchi/file
hashdeep: Audit failed
    Files matched: 1
Files partially matched: 0
    Files moved: 0
    New files found: 1
    Known files not found: 0
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ mv /home/sanchi/file/example.txt /tmp
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ hashdeep -v -a -r -k hashtry.txt /home/sanchi/file
hashdeep: Audit failed
    Files matched: 1
Files partially matched: 0
    Files moved: 0
    New files found: 1
    Known files not found: 0
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ mv /home/sanchi/file/sanj.txt
mv: missing destination file operand after '/home/sanchi/file/sanj.txt'
Try 'mv --help' for more information.
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ mv /home/sanchi/file/sanj.txt
/home/sanchi/file/example.txt
mv: cannot stat '/home/sanchi/file/sanj.txt': No such file or directory
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ mv /home/sanchi/file/sanj.txt
/home/sanchi/file/example.txt
mv: cannot stat '/home/sanchi/file/sanj.txt': No such file or directory
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ mv /home/sanchi/file/sanj.txt
mv: missing destination file operand after '/home/sanchi/file/sanj.txt'
Try 'mv --help' for more information.
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ mv /home/sanchi/file/sanj.txt
/home/sanchi/file/example.txt
mv: cannot stat '/home/sanchi/file/sanj.txt': No such file or directory
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ mv /home/sanchi/file/sanj.txt
/home/sanchi/file/example.txt
mv: cannot stat '/home/sanchi/file/sanj.txt': No such file or directory
```

```
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ mv /home/sanchi/file/example.txt
/home/sanchi/file/sanj.txt
mv: cannot stat '/home/sanchi/file/example.txt': No such file or directory
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ mv "/home/sanchi/file/sanj.txt"
"/home/sanchi/file/example.txt"
mv: cannot stat '/home/sanchi/file/sanj.txt': No such file or directory
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ ls /home/sanchi/file/
hashtry.txt  newfile.txt
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ mv /home/sanchi/file/example.txt
/home/sanchi/file/newfile.txt
mv: cannot stat '/home/sanchi/file/example.txt': No such file or directory
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ mv "/home/sanchi/file/sanj.txt"
"/home/sanchi/file/newfile.txt"
mv: cannot stat '/home/sanchi/file/sanj.txt': No such file or directory
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ mv /home/sanchi/file/newfile.txt
/home/sanchi/file/sanj.txt
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ hashdeep -v -a -r -k hashtry.txt /home/sanchi/file
hashdeep: Audit failed
    Files matched: 1
Files partially matched: 0
    Files moved: 0
    New files found: 1
    Known files not found: 0
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ hashdeep -vv -a -r -k hashtry.txt
/home/sanchi/file
/home/sanchi/file/sanj.txt: No match
hashdeep: Audit failed
    Input files examined: 0
    Known files expecting: 0
    Files matched: 1
Files partially matched: 0
    Files moved: 0
    New files found: 1
    Known files not found: 0
sanchi@lab1003-HP-280-G4-MT-Business-PC:~$ hashdeep -vvv -a -r -k hashtry.txt
/home/sanchi/file
/home/sanchi/file/sanj.txt: No match
/home/sanchi/file/hashtry.txt: Ok
hashdeep: Audit failed
    Input files examined: 0
    Known files expecting: 0
    Files matched: 1
Files partially matched: 0
    Files moved: 0
    New files found: 1
```


1. man whois
2. whois wikipedia.com
3. man traceroute
4. traceroute wikipedia.com
5. man dig
6. dig wikipedia.com
7. man nslookup
8. nslookup wikipedia.com
9. nikto -h wikipedia.com
10. man dnitry
11. dmitry wikipedia.com

1. tcpdump -D
2. # tcpdump -n
3. tcpdump -v -n
4. tcpdump -n tcp
5. tcpdump -n icmp

Expressions can be used to specify source ip, destination ip, and port numbers. The next example picks up all those packets with source address 172.16.92.1

6. tcpdump -n src 172.16.92.1
7. tcpdump -n dst 172.16.92.1
8. tcpdump -n port 80
9. tcpdump port 80

Specific Packets from specific port

10. tcpdump udp and src port 53

Observing packets within a specific port range

11. tcpdump -n portrange 1-80

It shows all packets whose source or destination port is between 1 to 80

12. tcpdump -n src port 443