

Linux Commands Assignment

```
anonymous17@Turing: ~$ sudo apt update
[sudo] password for anonymous17:
Get:1 http://packages.microsoft.com/repos/code stable InRelease [3,023 B]
Get:2 http://security.ubuntu.com/ubuntu jammy-security InRelease [110 kB]
Get:3 http://packages.microsoft.com/repos/code stable/main armhf Packages [59.1 kB]
Hit:4 http://in.archive.ubuntu.com/ubuntu jammy InRelease
Get:5 http://in.archive.ubuntu.com/ubuntu jammy-updates InRelease [114 kB]
Get:6 http://packages.microsoft.com/repos/code stable/main amd64 Packages [58.6 kB]
Get:7 http://security.ubuntu.com/ubuntu jammy-security/main amd64 Packages [601 kB]
Get:8 http://packages.microsoft.com/repos/code stable/main arm64 Packages [59.0 kB]
Get:9 http://in.archive.ubuntu.com/ubuntu jammy-backports InRelease [107 kB]
Get:10 http://in.archive.ubuntu.com/ubuntu jammy-updates/main i386 Packages [430 kB]
Get:11 http://in.archive.ubuntu.com/ubuntu jammy-updates/main amd64 Packages [856 kB]
Get:12 http://security.ubuntu.com/ubuntu jammy-security/main i386 Packages [248 kB]
Get:13 http://in.archive.ubuntu.com/ubuntu jammy-updates/main Translation-en [190 kB]
Get:14 http://in.archive.ubuntu.com/ubuntu jammy-updates/main amd64 DEP-11 Metadata [101 kB]
Get:15 http://in.archive.ubuntu.com/ubuntu jammy-updates/main amd64 c-n-f Metadata [13.2 kB]
Get:16 http://in.archive.ubuntu.com/ubuntu jammy-updates/restricted amd64 Packages [569 kB]
Get:17 http://in.archive.ubuntu.com/ubuntu jammy-updates/restricted Translation-en [87.4 kB]
Get:18 http://in.archive.ubuntu.com/ubuntu jammy-updates/universe i386 Packages [567 kB]
Get:19 http://in.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 Packages [797 kB]
Get:20 http://security.ubuntu.com/ubuntu jammy-security/main Translation-en [127 kB]
Get:21 http://in.archive.ubuntu.com/ubuntu jammy-updates/universe amd64 DEP-11 Metadata [265 kB]
Get:22 http://in.archive.ubuntu.com/ubuntu jammy-updates/multiverse amd64 DEP-11 Metadata [940 B]
Get:23 http://in.archive.ubuntu.com/ubuntu jammy-backports/main amd64 DEP-11 Metadata [7,996 B]
Get:24 http://in.archive.ubuntu.com/ubuntu jammy-backports/universe amd64 DEP-11 Metadata [12.5 kB]
Get:25 http://security.ubuntu.com/ubuntu jammy-security/main amd64 DEP-11 Metadata [41.4 kB]
Get:26 http://security.ubuntu.com/ubuntu jammy-security/main amd64 c-n-f Metadata [8,064 B]
Get:27 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 Packages [637 kB]
Get:28 http://security.ubuntu.com/ubuntu jammy-security/universe Translation-en [87.7 kB]
Get:29 http://security.ubuntu.com/ubuntu jammy-security/universe amd64 DEP-11 Metadata [13.3 kB]
Get:30 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 Packages [4,960 B]
Get:31 http://security.ubuntu.com/ubuntu jammy-security/multiverse Translation-en [996 B]
Get:32 http://security.ubuntu.com/ubuntu jammy-security/multiverse amd64 c-n-f Metadata [240 B]
Fetched 6,177 kB in 23s (270 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
70 packages can be upgraded. Run 'apt list --upgradable' to see them.
anonymous17@Turing:~$
```

```
anonymous17@Turing: ~  
anonymous17@Turing:~$ pwd  
/home/anonymous17  
anonymous17@Turing:~$ cd ..  
anonymous17@Turing:/home$ pwd  
/home  
anonymous17@Turing:/home$ cd  
anonymous17@Turing:~$ l  
Android/          classes.pl  Documents/  'GitHub Repos'/  hello.lisp  Pictures/  snap/  Test/  Videos/  
AndroidStudioProjects/ Desktop/  Downloads/  hello      Music/      Public/      Templates/  test.py  
anonymous17@Turing:~$ touch temp  
anonymous17@Turing:~$ ls  
Android          classes.pl  Documents  'GitHub Repos'  hello.lisp  Pictures  snap  Templates  test.py  
AndroidStudioProjects Desktop  Downloads  hello      Music      Public  temp  Test  Videos  
anonymous17@Turing:~$ ls -l  
total 68  
drwxrwxr-x 3 anonymous17 anonymous17 4096 Aug 23 20:18 Android  
drwxrwxr-x 3 anonymous17 anonymous17 4096 Aug 30 18:33 AndroidStudioProjects  
-rw-rw-r-- 1 anonymous17 anonymous17 408 Jan 24 20:25 classes.pl  
drwxr-xr-x 3 anonymous17 anonymous17 4096 Jan 14 01:21 Desktop  
drwxr-xr-x 2 anonymous17 anonymous17 4096 Feb 6 20:44 Documents  
drwxr-xr-x 2 anonymous17 anonymous17 4096 Feb 6 20:41 Downloads  
drwxrwxr-x 9 anonymous17 anonymous17 4096 Feb 6 19:24 'GitHub Repos'  
-rw-rw-r-- 1 anonymous17 anonymous17 12 Feb 6 20:43 hello  
-rw-rw-r-- 1 anonymous17 anonymous17 489 Jan 25 11:45 hello.lisp  
drwxr-xr-x 2 anonymous17 anonymous17 4096 Jun 23 2022 Music  
drwxr-xr-x 3 anonymous17 anonymous17 4096 Nov 4 23:01 Pictures  
drwxr-xr-x 2 anonymous17 anonymous17 4096 Jun 23 2022 Public  
drwx----- 6 anonymous17 anonymous17 4096 Aug 23 20:16 snap  
-rw-rw-r-- 1 anonymous17 anonymous17 0 Feb 6 20:48 temp  
drwxr-xr-x 2 anonymous17 anonymous17 4096 Jun 23 2022 Templates  
drwxrwxr-x 4 anonymous17 anonymous17 4096 Jan 31 19:34 Test  
-rw-rw-r-- 1 anonymous17 anonymous17 385 Jan 25 01:09 test.py  
drwxr-xr-x 3 anonymous17 anonymous17 4096 Jan 25 21:27 Videos  
anonymous17@Turing:~$
```

```
anonymous17@Turing: ~$ vim file1
anonymous17@Turing: ~$ cat>file1
World
anonymous17@Turing: ~$ cat file1
World
anonymous17@Turing: ~$ cat>>file1
Hello
anonymous17@Turing: ~$ cat file1
World
Hello
anonymous17@Turing: ~$ tac file1
Hello
World
anonymous17@Turing: ~$ ls
Android          classes.pl  Documents  file1      hello      Music      Public      temp      Test      Videos
AndroidStudioProjects Desktop    Downloads  'GitHub Repos' hello.lisp  Pictures    snap      Templates test.py
anonymous17@Turing: ~$ mv file1 file
anonymous17@Turing: ~$ ls
Android          classes.pl  Documents  file      hello      Music      Public      temp      Test      Videos
AndroidStudioProjects Desktop    Downloads  'GitHub Repos' hello.lisp  Pictures    snap      Templates test.py
anonymous17@Turing: ~$ cat temp
anonymous17@Turing: ~$ rm temp
anonymous17@Turing: ~$ ls
Android          classes.pl  Documents  file      hello      Music      Public      Templates test.py
AndroidStudioProjects Desktop    Downloads  'GitHub Repos' hello.lisp  Pictures    snap      Test      Videos
anonymous17@Turing: ~$ mkdir temp
anonymous17@Turing: ~$ cd temp/
anonymous17@Turing: ~/temp$ cd ..
anonymous17@Turing: ~$ ls
Android          classes.pl  Documents  file      hello      Music      Public      temp      Templates test.py
AndroidStudioProjects Desktop    Downloads  'GitHub Repos' hello.lisp  Pictures    snap      Templates test.py
anonymous17@Turing: ~$ find . -name file2
anonymous17@Turing: ~$ find . -name file
./Android/Sdk/sources/android-33/java/nio/file
./Android/Sdk/sources/android-33/com/sun/nio/file
./file
./gradle/wrapper/dists/gradle-6.3-all/b4awcolw9l59x95tulobfh9i8/gradle-6.3/docs/javadoc/org/gradle/api/file
./gradle/wrapper/dists/gradle-6.3-all/b4awcolw9l59x95tulobfh9i8/gradle-6.3/src/files/org/gradle/internal/file
```

```

AndroidStudioProjects Desktop Downloads 'GitHub Repos' hello.lisp Pictures snap Test Videos
anonymous17@Turing:~$ mkdir temp
anonymous17@Turing:~$ cd temp/
anonymous17@Turing:~/temp$ cd ..
anonymous17@Turing:~$ ls
Android classes.pl Documents file hello Music Public temp Test Videos
AndroidStudioProjects Desktop Downloads 'GitHub Repos' hello.lisp Pictures snap Templates test.py
anonymous17@Turing:~$ rmdir temp/
anonymous17@Turing:~$ ls
Android classes.pl Documents file hello Music Public Templates test.py
AndroidStudioProjects Desktop Downloads 'GitHub Repos' hello.lisp Pictures snap Test Videos
anonymous17@Turing:~$ find . -name file2
anonymous17@Turing:~$ find . -name file
./Android/Sdk/sources/android-33/java/nio/file
./Android/Sdk/sources/android-33/com/sun/nio/file
./file
./gradle/wrapper/dists/gradle-6.3-all/b4awcolw9l59x9Stulobfh9i8/gradle-6.3/docs/javadoc/org/gradle/api/file
./gradle/wrapper/dists/gradle-6.3-all/b4awcolw9l59x9Stulobfh9i8/gradle-6.3/src/files/org/gradle/internal/file
./gradle/wrapper/dists/gradle-6.3-all/b4awcolw9l59x9Stulobfh9i8/gradle-6.3/src/files/org/gradle/api/internal/file
./gradle/wrapper/dists/gradle-6.3-all/b4awcolw9l59x9Stulobfh9i8/gradle-6.3/src/dependency-management/org/gradle/internal/resource/transport/file
./gradle/wrapper/dists/gradle-6.3-all/b4awcolw9l59x9Stulobfh9i8/gradle-6.3/src/core/org/gradle/internal/file
./gradle/wrapper/dists/gradle-6.3-all/b4awcolw9l59x9Stulobfh9i8/gradle-6.3/src/core/org/gradle/api/internal/file
./gradle/wrapper/dists/gradle-6.3-all/b4awcolw9l59x9Stulobfh9i8/gradle-6.3/src/base-services/org/gradle/internal/file
./gradle/wrapper/dists/gradle-6.3-all/b4awcolw9l59x9Stulobfh9i8/gradle-6.3/src/file-collections/org/gradle/api/internal/file
./gradle/wrapper/dists/gradle-6.3-all/b4awcolw9l59x9Stulobfh9i8/gradle-6.3/src/internal-testing/org/gradle/test/fixtures/file
./gradle/wrapper/dists/gradle-6.3-all/b4awcolw9l59x9Stulobfh9i8/gradle-6.3/src/core-api/org/gradle/api/internal/file
./gradle/wrapper/dists/gradle-6.3-all/b4awcolw9l59x9Stulobfh9i8/gradle-6.3/src/core-api/org/gradle/api/file
./gradle/wrapper/dists/gradle-7.3.3-all/4295vihdhd9hd3gbjyw1xqpo/gradle-7.3.3/docs/javadoc/org/gradle/api/file
./gradle/wrapper/dists/gradle-7.3.3-all/4295vihdhd9hd3gbjyw1xqpo/gradle-7.3.3/src/files/org/gradle/internal/file
./gradle/wrapper/dists/gradle-7.3.3-all/4295vihdhd9hd3gbjyw1xqpo/gradle-7.3.3/src/files/org/gradle/api/internal/file
./gradle/wrapper/dists/gradle-7.3.3-all/4295vihdhd9hd3gbjyw1xqpo/gradle-7.3.3/src/dependency-management/org/gradle/internal/resource/transport/file
./gradle/wrapper/dists/gradle-7.3.3-all/4295vihdhd9hd3gbjyw1xqpo/gradle-7.3.3/src/core/org/gradle/internal/file
./gradle/wrapper/dists/gradle-7.3.3-all/4295vihdhd9hd3gbjyw1xqpo/gradle-7.3.3/src/core/org/gradle/api/internal/file
./gradle/wrapper/dists/gradle-7.3.3-all/4295vihdhd9hd3gbjyw1xqpo/gradle-7.3.3/src/base-services/org/gradle/internal/file
./gradle/wrapper/dists/gradle-7.3.3-all/4295vihdhd9hd3gbjyw1xqpo/gradle-7.3.3/src/file-collections/org/gradle/api/internal/file
./gradle/wrapper/dists/gradle-7.3.3-all/4295vihdhd9hd3gbjyw1xqpo/gradle-7.3.3/src/core-api/org/gradle/api/internal/file
./gradle/wrapper/dists/gradle-7.3.3-all/4295vihdhd9hd3gbjyw1xqpo/gradle-7.3.3/src/core-api/org/gradle/api/file
./gradle/wrapper/dists/gradle-7.3.3-all/4295vihdhd9hd3gbjyw1xqpo/gradle-7.3.3/src/file-temp/org/gradle/api/internal/file
./GitHub Repos/movie-catalog-web-app/node_modules/@babel/core/lib/transformation/file
./GitHub Repos/MindSpark-Webathon/frontend/node_modules/@babel/core/lib/transformation/file
anonymous17@Turing:~$

```

```
anonymous17@Turing: ~  
$ ls  
Android          classes.pl  Documents  file2      hello      Music      Public      Templates  test.py  
AndroidStudioProjects Desktop    Downloads  'GitHub Repos' hello.lisp  Pictures    snap        Test        Videos  
anonymous17@Turing: ~$ cat file2  
World  
Hello  
anonymous17@Turing: ~$ grep world file2  
anonymous17@Turing: ~$ grep -i world file2  
World  
anonymous17@Turing: ~$ df file2  
Filesystem      1K-blocks    Used Available Use% Mounted on  
/dev/nvme0n1p7 164648624 15356432 140855712  10% /home  
anonymous17@Turing: ~$ du file2  
4      file2  
anonymous17@Turing: ~$ du file2 -b  
12      file2  
anonymous17@Turing: ~$ du file2 -k  
4      file2  
anonymous17@Turing: ~$ du file2 -m  
1      file2  
anonymous17@Turing: ~$ du file2 -h  
4.0K    file2  
anonymous17@Turing: ~$ cat>file2  
a  
b  
c  
d  
e  
f  
g  
h  
i  
j  
k  
l  
m  
n  
anonymous17@Turing: ~$ head file2  
a  
b  
c  
d
```

```
anonymous17@Turing: ~  
d  
e  
f  
g  
h  
i  
j  
k  
l  
m  
n  
anonymous17@Turing:~$ head file2  
a  
b  
c  
d  
e  
f  
g  
h  
i  
j  
anonymous17@Turing:~$ tail file2  
e  
f  
g  
h  
i  
j  
k  
l  
m  
n  
anonymous17@Turing:~$ head -n 3 file2  
a  
b  
c  
anonymous17@Turing:~$ head -c 4 file2  
a  
b  
anonymous17@Turing:~$
```

```
anonymous17@Turing: ~  
anonymous17@Turing:~$ ls  
Android          classes.pl  Documents  file2      hello      Music      Public      Templates  test.py  
AndroidStudioProjects Desktop    Downloads  'GitHub Repos' hello.lisp  Pictures    snap        Test        Videos  
anonymous17@Turing:~$ diff file2 hello  
1,14c1  
< a  
< b  
< c  
< d  
< e  
< f  
< g  
< h  
< i  
< j  
< k  
< l  
< m  
< n  
<--  
> alsdkfasdlf  
anonymous17@Turing:~$
```

```
anonymous17@Turing: ~  
top - 22:03:58 up 20 days, 10:48, 2 users, load average: 0.53, 0.69, 0.56  
Tasks: 357 total, 2 running, 355 sleeping, 0 stopped, 0 zombie  
Cpu(s): 1.8 us, 0.8 sy, 0.0 ni, 97.2 id, 0.1 wa, 0.0 hi, 0.0 si, 0.0 st  
MiB Mem : 15669.9 total, 1597.2 free, 3461.0 used, 10611.7 buff/cache  
MiB Swap: 15736.0 total, 15736.0 free, 0.0 used, 11041.4 avail Mem  
  
  PID USER      PR  NI   VIRT   RES    SHR  S  %CPU  %MEM    TIME+  COMMAND  
410615 anonymo+ 20   0 12.1g 505820 215008 S 16.2  3.2  6:27.08 firefox  
1820 anonymo+ 20   0 6853644 543272 141832 S 7.6  3.4 386:43.45 gnome-shell  
417863 anonymo+ 20   0 562296 62268 47104 S 4.6  0.4  0:11.92 gnome-terminal-  
410791 anonymo+ 20   0 7222972 333276 111348 S 3.6  2.1  1:07.95 Isolated Web Co  
419273 anonymo+ 20   0 2504760 155776 109216 S 3.0  1.0  0:25.45 Isolated Web Co  
2481 anonymo+ 20   0 1326056 90864 57004 R 2.0  0.6 91:46.42 Xwayland  
419442 anonymo+ 20   0 2648048 145156 99316 S 1.7  0.9  0:10.27 Isolated Web Co  
299 root      -51  0    0    0    0 S 1.3  0.0 22:16.86 irq/139-SYNA32C  
417908 root      20   0    0    0    0 I 0.7  0.0  0:05.02 kworker/u32:1-flush-259:0  
634 systemd+ 20   0 14824 6044 5244 S 0.3  0.0 15:19.80 systemd-oomd  
638 systemd+ 20   0 26048 14364 9748 S 0.3  0.1  0:46.21 systemd-resolve  
417148 anonymo+ 20   0 2175760 651908 160136 S 0.3  4.1  1:16.79 soffice.bin  
419176 root      20   0    0    0    0 I 0.3  0.0  0:01.50 kworker/u32:14-mt76  
419327 anonymo+ 20   0 3065676 65704 49676 S 0.3  0.4  0:00.63 gjs  
419863 root      20   0    0    0    0 I 0.3  0.0  0:00.36 kworker/u32:0-writeback  
419905 anonymo+ 20   0 13368 4268 3404 R 0.3  0.0  0:00.03 top  
1 root      20   0 168176 13748 8416 S 0.0  0.1  0:33.20 systemd  
2 root      20   0    0    0    0 S 0.0  0.0  0:00.86 kthreadd  
3 root      0 -20    0    0    0 I 0.0  0.0  0:00.00 rcu_gp  
4 root      0 -20    0    0    0 I 0.0  0.0  0:00.00 rcu_par_gp  
5 root      0 -20    0    0    0 I 0.0  0.0  0:00.00 slub_flushwq  
6 root      0 -20    0    0    0 I 0.0  0.0  0:00.00 netns  
8 root      0 -20    0    0    0 I 0.0  0.0  0:00.00 kworker/0:0H-events_highpri  
10 root     0 -20    0    0    0 I 0.0  0.0  0:00.00 mm_percpu_wq  
11 root     20   0    0    0    0 S 0.0  0.0  0:00.00 rcu_tasks_rude_  
12 root     20   0    0    0    0 S 0.0  0.0  0:00.00 rcu_tasks_trace  
13 root     20   0    0    0    0 S 0.0  0.0  0:47.82 ksoftirqd/0  
14 root     20   0    0    0    0 I 0.0  0.0 10:49.84 rcu_sched  
15 root     rt    0    0    0    0 S 0.0  0.0  0:04.25 migration/0  
16 root    -51   0    0    0    0 S 0.0  0.0  0:00.00 idle_inject/0  
18 root     20   0    0    0    0 S 0.0  0.0  0:00.00 cpuhp/0  
19 root     20   0    0    0    0 S 0.0  0.0  0:00.00 cpuhp/1  
20 root    -51   0    0    0    0 S 0.0  0.0  0:00.00 idle_inject/1  
21 root     rt    0    0    0    0 S 0.0  0.0  0:14.48 migration/1
```



```
anonymous17@Turing: ~$ history
1072 gcc test.c
1073 vim test.c
1074 gcc test.c
1075 vim test.c
1076 gcc test.c
1077 vim test.c
1078 gcc test.c
1079 vim test.c
1080 gcc test.c
1081 ./a.out
1082 vim test.c
1083 gcc test.c
1084 ./a.out
1085 vim test.c
1086 gcc test.c
1087 vim test.c
1088 gcc test.c
1089 ./a.out
1090 vim test.c
1091 gcc test.c
1092 ./a.out
1093 vim test.c
1094 gcc test.c
1095 ./a.out
1096 vim test.c
1097 gcc test.c
1098 ./a.out
1099 vim test.c
1100 ./a.out
1101 gcc test.c
1102 ./a.out
1103 vim test.c
1104 gcc test.c
1105 vim test.c
1106 gcc test.c
1107 ./a.out
1108 vim test.c
1109 gcc test.c
1110 ./a.out
1111 vim test.c
1112 gcc test.c
```

```
anonymous17@Turing: -
1730 ls
1731 mv SS.tar shell/
1732 ls
1733 clear
1734 cd shell/
1735 ls
1736 tar -xvf SS.tar
1737 clear
1738 ls
1739 rm SS.tar
1740 clear
1741 ls
1742 cd Shell_Script/
1743 clear
1744 cd GitHub\ Repos/
1745 ls
1746 rm percolation/
1747 rm -rf percolation/
1748 ls
1749 clear
1750 ls
1751 cd Shell_Script/
1752 git init
1753 ls
1754 clear
1755 git commit -m
1756 git commit -m "Added all files"
1757 clear
1758 git add .
1759 git commit -m "added all files"
1760 clear
1761 github
1762 clear
1763 git remote add origin git@github.com:ArshM17/ShellScripts.git
1764 git push
1765 git branch
1766 git push -u origin master
1767 clear
1768 git push
1769 clear
1770 ;s
1771 clear
```

```
anonymous17@Turing: ~  
2032 mkdir temp  
2033 cd temp/  
2034 cd ..  
2035 ls  
2036 rmdir temp/  
2037 ls  
2038 find . -name file2  
2039 find . -name file  
2040 clear  
2041 ls  
2042 mv file file2  
2043 clear  
2044 ls  
2045 clear  
2046 ls  
2047 cat file2  
2048 grep world file2  
2049 grep -i world file2  
2050 df file2  
2051 du file2  
2052 du file2 -b  
2053 du file2 -k  
2054 du file2 -m  
2055 du file2 -h  
2056 cat>file2  
2057 head file2  
2058 tail file2  
2059 head -n 3 file2  
2060 head -c 4 file2  
2061 clear  
2062 ls  
2063 diff file2 hello  
2064 clear  
2065 ls  
2066 top  
2067 cLEAR  
2068 clear  
2069 ping google.com  
2070 clear  
2071 history  
anonymous17@Turing:~$
```

```
anonymous17@Turing:~$ echo hello
hello
anonymous17@Turing:~$ a=name
anonymous17@Turing:~$ date
Monday 06 February 2023 10:09:32 PM IST
anonymous17@Turing:~$ ls
Android          classes.pl  Documents  file2      hello      Music      Public      Templates  test.py
AndroidStudioProjects  Desktop    Downloads  'GitHub Repos'  hello.lisp  Pictures    snap        Test        Videos
anonymous17@Turing:~$ zip file2 hello
  adding: hello (stored 0%)
anonymous17@Turing:~$ ls
Android          classes.pl  Documents  file2      'GitHub Repos'  hello.lisp  Pictures    snap        Test        Videos
AndroidStudioProjects  Desktop    Downloads  file2.zip  hello        Music      Public      Templates  test.py
anonymous17@Turing:~$ unzip file2.zip
Archive:  file2.zip
replace hello? [y]es, [n]o, [A]ll, [N]one, [r]ename: y
extracting: hello
anonymous17@Turing:~$ hostname
Turing
anonymous17@Turing:~$ hostname -i
127.0.1.1
anonymous17@Turing:~$ hostname -I
10.100.101.223
anonymous17@Turing:~$ alias yt="open https://youtube.com"
anonymous17@Turing:~$ alias -p
alias alert='notify-send --urgency=low -i "${[ $? = 0 ]} && echo terminal || echo error" "$(history|tail -n1|sed -e '\''s/^\s*[0-9]\+\s*//;s/[\&|]\s*alert$//'\''")'"
alias egrep='egrep --color=auto'
alias fgrep='fgrep --color=auto'
alias github='open https://github.com'
alias gmail='open https://mail.google.com'
alias grep='grep --color=auto'
alias l='ls -CF'
alias la='ls -A'
alias leetcode='open https://leetcode.com/problemset/all/'
alias ll='ls -alF'
alias ls='ls --color=auto'
alias moodle='open https://moodle.coep.org.in/'
alias whatsapp='open https://web.whatsapp.com/'
alias yt='open https://youtube.com'
anonymous17@Turing:~$
```

```
anonymous17@Turing: ~$ ps
  PID TTY          TIME CMD
 417889 pts/1    00:00:00 bash
 420094 pts/1    00:00:00 ps
anonymous17@Turing:~$ htop
Command 'htop' not found, but can be installed with:
sudo snap install htop # version 3.2.1, or
sudo apt install htop # version 3.0.5-7build2
See 'snap info htop' for additional versions.
anonymous17@Turing:~$ sudo apt install htop
[sudo] password for anonymous17:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  linux-headers-5.15.0-56 linux-headers-5.15.0-56-generic linux-image-5.15.0-56-generic linux-modules-5.15.0-56-generic
  linux-modules-extra-5.15.0-56-generic
Use 'sudo apt autoremove' to remove them.
Suggested packages:
  lm-sensors
The following NEW packages will be installed:
  htop
0 upgraded, 1 newly installed, 0 to remove and 70 not upgraded.
Need to get 128 kB of archives.
After this operation, 342 kB of additional disk space will be used.
0% [Waiting for headers]^C
anonymous17@Turing:~$
```

```
anonymous17@Turing: ~$ ping google.com
PING google.com (142.250.192.46) 56(84) bytes of data:
64 bytes from bom12s15-in-f14.1e100.net (142.250.192.46): icmp_seq=1 ttl=56 time=46.2 ms
64 bytes from bom12s15-in-f14.1e100.net (142.250.192.46): icmp_seq=2 ttl=56 time=123 ms
64 bytes from bom12s15-in-f14.1e100.net (142.250.192.46): icmp_seq=3 ttl=56 time=32.7 ms
64 bytes from bom12s15-in-f14.1e100.net (142.250.192.46): icmp_seq=4 ttl=56 time=105 ms
64 bytes from bom12s15-in-f14.1e100.net (142.250.192.46): icmp_seq=5 ttl=56 time=43.0 ms
64 bytes from bom12s15-in-f14.1e100.net (142.250.192.46): icmp_seq=6 ttl=56 time=44.9 ms
64 bytes from bom12s15-in-f14.1e100.net (142.250.192.46): icmp_seq=7 ttl=56 time=92.2 ms
64 bytes from bom12s15-in-f14.1e100.net (142.250.192.46): icmp_seq=8 ttl=56 time=108 ms
64 bytes from bom12s15-in-f14.1e100.net (142.250.192.46): icmp_seq=9 ttl=56 time=42.2 ms
64 bytes from bom12s15-in-f14.1e100.net (142.250.192.46): icmp_seq=10 ttl=56 time=85.1 ms
64 bytes from bom12s15-in-f14.1e100.net (142.250.192.46): icmp_seq=11 ttl=56 time=54.5 ms
64 bytes from bom12s15-in-f14.1e100.net (142.250.192.46): icmp_seq=12 ttl=56 time=95.4 ms
64 bytes from bom12s15-in-f14.1e100.net (142.250.192.46): icmp_seq=13 ttl=56 time=124 ms
64 bytes from bom12s15-in-f14.1e100.net (142.250.192.46): icmp_seq=14 ttl=56 time=92.5 ms
64 bytes from bom12s15-in-f14.1e100.net (142.250.192.46): icmp_seq=15 ttl=56 time=63.4 ms
64 bytes from bom12s15-in-f14.1e100.net (142.250.192.46): icmp_seq=16 ttl=56 time=67.9 ms
64 bytes from bom12s15-in-f14.1e100.net (142.250.192.46): icmp_seq=17 ttl=56 time=59.1 ms
64 bytes from bom12s15-in-f14.1e100.net (142.250.192.46): icmp_seq=18 ttl=56 time=72.4 ms
^C
--- google.com ping statistics ---
19 packets transmitted, 18 received, 5.26316% packet loss, time 18028ms
rtt min/avg/max/mdev = 32.711/75.102/123.872/28.199 ms
anonymous17@Turing: ~$
```