lastb.txt

```
btmp begins Thu Jun 1 15:06:34 2023
```

lastdown.txt

```
shutdown system down 5.19.0-43-generi Thu Jun 8 15:20 - 16:40 (01:20)
shutdown system down 5.19.0-42-generi Thu Jun 8 15:13 - 15:13 (00:00)
ahnchaeh tty2 tty2 Thu Jun 8 15:05 - down (00:07)
shutdown system down 5.19.0-42-generi Thu Jun 1 18:20 - 15:05 (6+20:45)
ahnchaeh tty2 tty2 Thu Jun 1 16:37 - down (01:42)
shutdown system down 5.19.0-42-generi Thu Jun 1 15:10 - 16:37 (01:26)
ahnchaeh tty2 tty2 Thu Jun 1 15:07 - down (00:03)
shutdown system down 5.19.0-42-generi Wed May 31 14:10 - 15:06 (1+00:55)
ahnchaeh tty2 tty2 Wed May 31 13:57 - down (00:13)
shutdown system down 5.19.0-42-generi Wed May 31 13:56 - 13:56 (00:00)
ahnchaeh tty2 tty2 Wed May 31 13:09 - down (00:47)
shutdown system down 5.19.0-42-generi Tue May 23 17:47 - 13:07 (7+19:20)
ahnchaeh tty2 tty2 Tue May 23 17:01 - down (00:45)
shutdown system down 5.19.0-41-generi Tue May 23 15:03 - 15:54 (00:50)
ahnchaeh tty2 tty2 Tue May 23 13:28 - down (01:35)
shutdown system down 5.19.0-41-generi Sun May 21 18:22 - 13:27 (1+19:05)
ahnchaeh tty2 tty2 Sun May 21 15:50 - down (02:31)
shutdown system down 5.19.0-41-generi Sat May 20 16:11 - 15:49 (23:38)
ahnchaeh tty2 tty2 Sat May 20 14:26 - down (01:45)
shutdown system down 5.19.0-41-generi Fri May 19 10:24 - 14:25 (1+04:01)
ahnchaeh tty2 tty2 Thu May 18 17:39 - down (16:44)
shutdown system down 5.19.0-38-generi Thu May 11 18:01 - 17:39 (6+23:37)
ahnchaeh tty2 tty2 Thu May 11 16:38 - down (01:23)
shutdown system down 5.19.0-38-generi Tue May 9 17:46 - 16:37 (1+22:51)
ahnchaeh tty2 tty2 Tue May 9 16:58 - down (00:48)
shutdown system down 5.19.0-38-generi Tue May 9 15:30 - 16:57 (01:27)
ahnchaeh tty2 tty2 Tue May 9 12:53 - down (02:36)
shutdown system down 5.19.0-38-generi Tue Apr 11 13:46 - 14:51 (1+01:05)
ahnchaeh tty2 tty2 Tue Apr 11 13:34 - down (00:11)
shutdown system down 5.19.0-38-generi Tue Apr 11 13:33 - 13:34 (00:00)
ahnchaeh tty2 tty2 Tue Apr 11 13:19 - down (00:14)
shutdown system down 5.19.0-38-generi Tue Apr 11 13:03 - 13:03 (00:00)
ahnchaeh tty2 tty2 Tue Apr 11 13:00 - down (00:02)
shutdown system down 5.19.0-38-generi Tue Apr 11 12:49 - 12:49 (00:00)
ahnchaeh tty2 tty2 Tue Apr 11 12:44 - down (00:04)
shutdown system down 5.19.0-38-generi Tue Apr 11 12:38 - 12:43 (00:05)
ahnchaeh tty2 tty2 Tue Apr 11 12:36 - down (00:02)
shutdown system down 5.19.0-38-generi Tue Apr 11 12:25 - 12:33 (00:07)
ahnchaeh tty2 tty2 Tue Apr 11 12:17 - down (00:07)
shutdown system down 5.19.0-38-generi Wed Apr 5 14:25 - 12:55 (22:29)
ahnchaeh tty2 tty2 Wed Apr 5 14:18 - down (00:07)
shutdown system down 5.19.0-38-generi Wed Apr 5 14:06 - 14:17 (00:11)
ahnchaeh tty2 tty2 Wed Apr 5 14:06 - down (00:00)
shutdown system down 5.19.0-38-generi Wed Apr 5 14:05 - 14:05 (00:00)
shutdown system down 5.19.0-38-generi Wed Apr 5 14:04 - 14:04 (00:00)
ahnchaeh tty2 tty2 Wed Apr 5 14:03 - down (00:01)
shutdown system down 5.19.0-38-generi Wed Apr 5 13:59 - 14:02 (00:03)
ahnchaeh tty2 tty2 Wed Apr 5 13:58 - down (00:00)
shutdown system down 5.19.0-38-generi Wed Apr 5 13:56 - 13:58 (00:01)
ahnchaeh tty2 tty2 Wed Apr 5 13:56 - down (00:00)
```

```
shutdown system down 5.19.0-38-generi Wed Apr 5 13:55 - 13:55 (00:00)
ahnchaeh tty2 tty2 Wed Apr 5 13:54 - down (00:00)
shutdown system down 5.19.0-38-generi Wed Apr 5 13:53 - 13:54 (00:00)
ahnchaeh tty2 tty2 Wed Apr 5 13:48 - down (00:05)
shutdown system down 5.19.0-38-generi Wed Apr 5 13:47 - 13:48 (00:00)
shutdown system down 5.19.0-38-generi Wed Apr 5 13:40 - 13:44 (00:04)
shutdown system down 5.19.0-38-generi Wed Apr 5 13:38 - 13:38 (00:00)
ahnchaeh tty2 tty2 Wed Apr 5 13:37 - down (00:00)
shutdown system down 5.19.0-38-generi Wed Apr 5 13:37 - 13:37 (00:00)
shutdown system down 5.19.0-38-generi Wed Apr 5 13:35 - 13:36 (00:01)
shutdown system down 5.19.0-38-generi Wed Apr 5 13:34 - 13:34 (00:00)
shutdown system down 5.19.0-38-generi Wed Apr 5 13:33 - 13:33 (00:00)
ahnchaeh tty2 tty2 Wed Apr 5 13:32 - down (00:00)
shutdown system down 5.19.0-38-generi Wed Apr 5 13:30 - 13:32 (00:01)
ahnchaeh tty2 tty2 Wed Apr 5 13:26 - down (00:04)
shutdown system down 5.19.0-38-generi Wed Apr 5 13:25 - 13:26 (00:00)
ahnchaeh tty2 tty2 Wed Apr 5 13:12 - down (00:13)
shutdown system down 5.19.0-38-generi Tue Apr 4 17:04 - 17:05 (00:00)
shutdown system down 5.19.0-38-generi Sun Apr 2 21:59 - 16:32 (18:33)
ahnchaeh tty2 tty2 Sun Apr 2 20:25 - down (01:33)
shutdown system down 5.19.0-38-generi Sun Apr 2 20:25 - 20:25 (00:00)
ahnchaeh tty2 tty2 Sun Apr 2 19:27 - down (00:57)
shutdown system down 5.19.0-38-generi Thu Mar 30 17:50 - 19:26 (3+01:36)
ahnchaeh tty2 tty2 Thu Mar 30 16:29 - down (01:21)
shutdown system down 5.19.0-35-generi Thu Mar 30 16:28 - 16:28 (00:00)
shutdown system down 5.19.0-35-generi Tue Mar 28 16:04 - 13:34 (21:30)
ahnchaeh tty2 tty2 Tue Mar 28 15:53 - down (00:11)
shutdown system down 5.19.0-35-generi Thu Mar 23 19:56 - 15:52 (4+19:56)
ahnchaeh tty2 tty2 Thu Mar 23 19:53 - down (00:03)
shutdown system down 5.19.0-35-generi Thu Mar 23 19:52 - 19:52 (00:00)
ahnchaeh tty2 tty2 Thu Mar 23 19:51 - down (00:00)
```

lastlog.txt

```
Username Port From Latest
root **Never logged in**
daemon **Never logged in**
bin **Never logged in**
sys **Never logged in**
sync **Never logged in**
games **Never logged in**
man **Never logged in**
lp **Never logged in**
mail **Never logged in**
news **Never logged in**
uucp **Never logged in**
proxy **Never logged in**
www-data **Never logged in**
backup **Never logged in**
list **Never logged in**
irc **Never logged in**
gnats **Never logged in**
nobody **Never logged in**
systemd-network **Never logged in**
systemd-resolve **Never logged in**
messagebus **Never logged in**
systemd-timesync **Never logged in**
syslog **Never logged in**
_apt **Never logged in**
tss **Never logged in**
uuidd **Never logged in**
systemd-oom **Never logged in**
tcpdump **Never logged in**
avahi-autoipd **Never logged in**
usbmux **Never logged in**
dnsmasq **Never logged in**
kernoops **Never logged in**
avahi **Never logged in**
cups-pk-helper **Never logged in**
rtkit **Never logged in**
whoopsie **Never logged in**
sssd **Never logged in**
speech-dispatcher **Never logged in**
fwupd-refresh **Never logged in**
nm-openvpn **Never logged in**
saned **Never logged in**
colord **Never logged in**
geoclue **Never logged in**
pulse **Never logged in**
gnome-initial-setup **Never logged in**
hplip **Never logged in**
gdm **Never logged in**
ahnchaehyeok tty2 ■ 4■ 5 13:08:43 +0900 2023
```

users.txt

```
ahnchaehyeok ahnchaehyeok root
```

w.txt

```
15:36:19 up 7 min, 3 users, load average: 0.39, 0.84, 0.53
USER TTY FROM LOGIN@ IDLE JCPU PCPU WHAT
ahnchaeh tty2 tty2 15:30 7:52 0.03s 0.03s /usr/libexec/gnome-session-binary --session=ubuntu
ahnchaeh pts/1 - 15:36 10.00s 0.00s 0.00s sudo ./Forensic.bash
root pts/2 - 15:36 0.00s 0.00s 0.00s w
```

who.txt

```
ahnchaehyeok tty2 2023-06-18 15:30 (tty2)
ahnchaehyeok pts/1 2023-06-18 15:36
root pts/2 2023-06-18 15:36
```