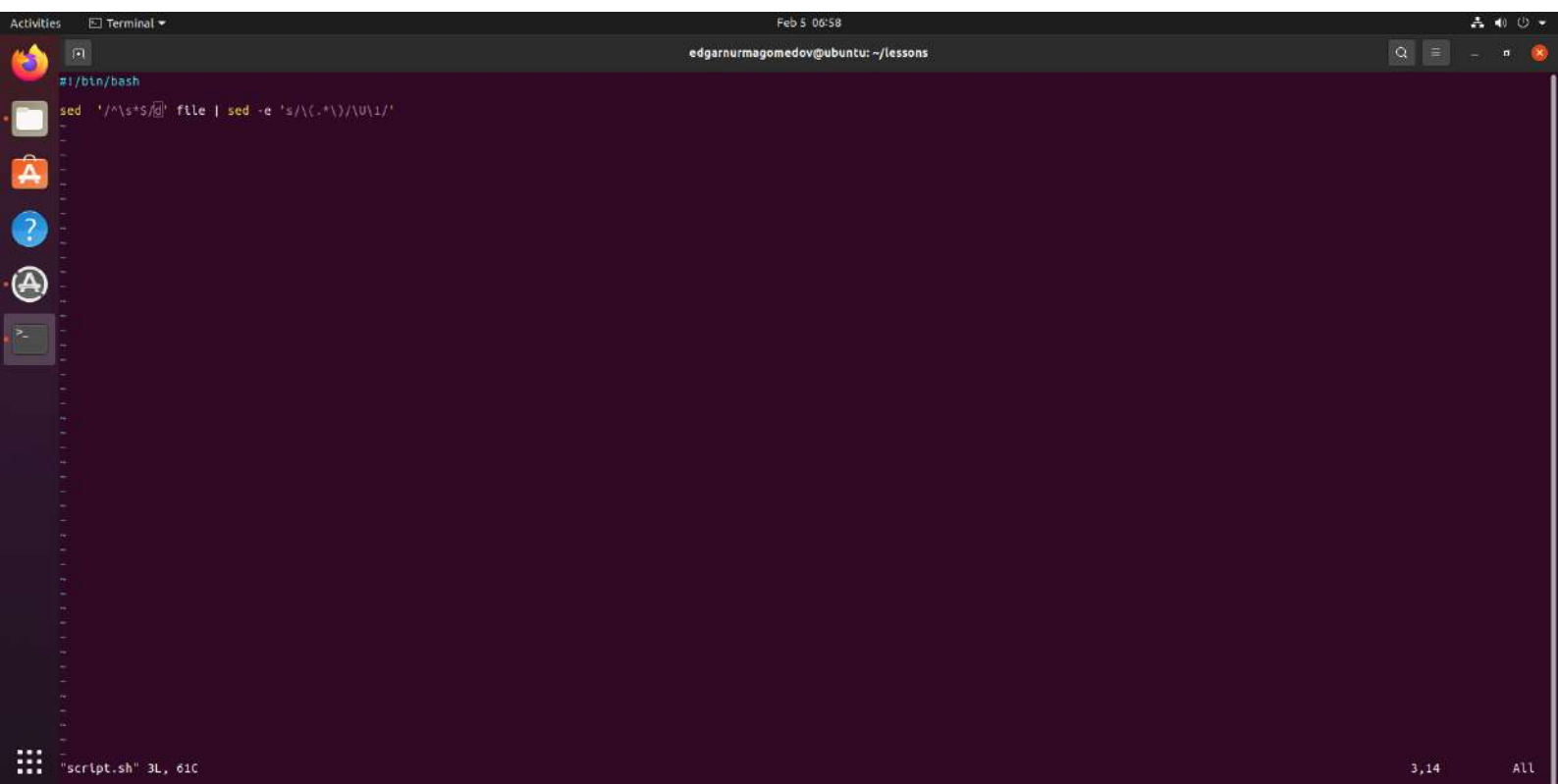


```
Activities Terminal Feb 5 06:18 edgarnurnagomedov@ubuntu: ~/lessons

update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/vim (vim) in
auto mode
update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/vimdiff (vimd
iff) in auto mode
update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/rvim (rvim) i
n auto mode
update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/rview (rview)
in auto mode
update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/vi (vi) in au
to mode
update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/vview (vview) i
n auto mode
update-alternatives: using /usr/bin/vim.basic to provide /usr/bin/ex (ex) in au
to mode
Processing triggers for man-db (2.9.1-1) ...
edgarnurnagomedov@ubuntu:~/lessons$ vim script.sh
edgarnurnagomedov@ubuntu:~/lessons$ vim file
edgarnurnagomedov@ubuntu:~/lessons$ ls -l
total 8
-rw-rw-r-- 1 edgarnurnagomedov edgarnurnagomedov 59 Feb  5 06:03 file
-rw-rw-r-- 1 edgarnurnagomedov edgarnurnagomedov 46 Feb  5 06:01 script.sh
edgarnurnagomedov@ubuntu:~/lessons$ chmod 755 script.sh
edgarnurnagomedov@ubuntu:~/lessons$ ls -l
total 8
-rw-rw-r-- 1 edgarnurnagomedov edgarnurnagomedov 59 Feb  5 06:03 file
-rwxr-xr-x 1 edgarnurnagomedov edgarnurnagomedov 46 Feb  5 06:01 script.sh
edgarnurnagomedov@ubuntu:~/lessons$ ./script
bash: ./script: No such file or directory
edgarnurnagomedov@ubuntu:~/lessons$ ./script.sh
./script.sh: line 3: -t: command not found
edgarnurnagomedov@ubuntu:~/lessons$ vim script.sh
edgarnurnagomedov@ubuntu:~/lessons$ ./script.sh
edgarnurnagomedov@ubuntu:~/lessons$ cat file
uhfertuflh irejrej pp p pprporor wegerg t t r r
edgarnurnagomedov@ubuntu:~/lessons$ vim script.sh
edgarnurnagomedov@ubuntu:~/lessons$ ./script.sh
edgarnurnagomedov@ubuntu:~/lessons$ cat file
uhfertuflh irejrej pp p pprporor wegerg t t r r
edgarnurnagomedov@ubuntu:~/lessons$ ./script.sh > file2
edgarnurnagomedov@ubuntu:~/lessons$ cat file2
edgarnurnagomedov@ubuntu:~/lessons$ ls -l
total 8
-rw-rw-r-- 1 edgarnurnagomedov edgarnurnagomedov 59 Feb  5 06:27 file
-rw-rw-r-- 1 edgarnurnagomedov edgarnurnagomedov  0 Feb  5 06:27 file2
-rwxr-xr-x 1 edgarnurnagomedov edgarnurnagomedov 70 Feb  5 06:26 script.sh
edgarnurnagomedov@ubuntu:~/lessons$ cat file2
edgarnurnagomedov@ubuntu:~/lessons$ vim script.sh
edgarnurnagomedov@ubuntu:~/lessons$ ./script.sh > file2
edgarnurnagomedov@ubuntu:~/lessons$ cat file2
```



```
Activities Terminal Feb 5 07:01 edgarnurnagomedov@ubuntu: ~/lessons

FERHRTHTYJUJ
RTHRVTJTJTY

TGRTH
edgarnurnagomedov@ubuntu:~/lessons$ vi script.sh
edgarnurnagomedov@ubuntu:~/lessons$ ./script.sh
UHFERIUJFH IREJREJ PP P PPRPOROR WEGERG T T R R I
FERHRTHTYJUJ
RTHRVTJTJTY
TGRTH
edgarnurnagomedov@ubuntu:~/lessons$ vi script.sh
edgarnurnagomedov@ubuntu:~/lessons$ cat file
uhferiufh irejrej pp p pppporor wegerg t t r r l

ferhrthtyjuj
rthrytjty

tgrth
edgarnurnagomedov@ubuntu:~/lessons$ ./script.sh > file2
edgarnurnagomedov@ubuntu:~/lessons$ cat file2
UHFERIUJFH IREJREJ PP P PPRPOROR WEGERG T T R R I
FERHRTHTYJUJ
RTHRVTJTJTY
TGRTH
edgarnurnagomedov@ubuntu:~/lessons$ ./script.sh
UHFERIUJFH IREJREJ PP P PPRPOROR WEGERG T T R R I
FERHRTHTYJUJ
RTHRVTJTJTY
TGRTH
edgarnurnagomedov@ubuntu:~/lessons$
```

Activities Terminal Feb 5 07:17 edgarnurmagomedov@ubuntu: ~/lessons

```
!#/bin/bash
mkdir -p 20(10..17)/(01..12)
for i in {2010..2017}
do
  for j in {01..12}
  do
    echo 'Hello'$i$j > file.txt$i$j
  done
done
```

-- INSERT -- 11,5 All

```
Activities Terminal Feb 5 07:24 edgarnurnagomedov@ubuntu: ~
drwx----- 3 edgarnurnagomedov edgarnurnagomedov 4096 Jan 21 07:57 .gnupg/
-rw----- 1 edgarnurnagomedov edgarnurnagomedov 28 Jan 24 09:49 .lessht
drwxrwxr-x 2 edgarnurnagomedov edgarnurnagomedov 4096 Feb 5 07:19 lessons/
drwxr-xr-x 3 edgarnurnagomedov edgarnurnagomedov 4096 Jan 21 07:57 .local/
drwxr-xr-x 2 edgarnurnagomedov edgarnurnagomedov 4096 Jan 21 07:57 Music/
drwxr-xr-x 2 edgarnurnagomedov edgarnurnagomedov 4096 Feb 5 07:17 Pictures/
-rw-r--r-- 1 edgarnurnagomedov edgarnurnagomedov 807 Jan 21 07:33 .profile
drwxr-xr-x 2 edgarnurnagomedov edgarnurnagomedov 4096 Jan 21 07:57 Public/
drwx----- 2 edgarnurnagomedov edgarnurnagomedov 4096 Jan 25 09:34 ssh/
-rw-r--r-- 1 edgarnurnagomedov edgarnurnagomedov 0 Jan 21 08:02 .sudo_as_admin_successful
drwxr-xr-x 2 edgarnurnagomedov edgarnurnagomedov 4096 Jan 24 09:30 Templates/
drwxr-xr-x 2 edgarnurnagomedov edgarnurnagomedov 4096 Jan 21 07:57 Videos/
-rwx----- 1 edgarnurnagomedov edgarnurnagomedov 8767 Feb 5 07:19 .vininfo
edgarnurnagomedov@ubuntu:~$ ll | awk '{ print $1}'
total
drwxr-xr-x
drwxr-xr-x
-rw-----
-rw-r--r--
-rw-r--r--
drwxrwxr-x
drwx-----
drwxr-xr-x
drwxr-xr-x
drwxr-xr-x
-rw-rw-r--
drwx-----
-rw-----
drwxrwxr-x
drwxr-xr-x
drwxr-xr-x
drwxr-xr-x
-rw-r--r--
drwxr-xr-x
drwx-----
-rw-r--r--
drwxr-xr-x
drwxr-xr-x
-rw-----
edgarnurnagomedov@ubuntu:~$ ll | awk '{ print $1}' | sort | uniq
drwx-----
drwxrwxr-x
drwxr-xr-x
-rw-----
-rw-r--r--
-rw-rw-r--
total
edgarnurnagomedov@ubuntu:~$
```

```
Activities Terminal Feb 5 07:30 edgarnurmagomedov@ubuntu: ~  
drwxr-xr-x  
drwxr-xr-x  
-rw-r--r--  
edgarnurmagomedov@ubuntu:~$ ll | awk '{ print $1 }' | sort | uniq  
drwx-----  
drwxrwxr-x  
drwxr-xr-x  
-rw-r--r--  
-rw-r--r--  
-rw-rw-r--  
total  
edgarnurmagomedov@ubuntu:~$ cat /var/log/syslog  
Feb 5 05:28:34 ubuntu systemd[1]: logrotate.service: Succeeded.  
Feb 5 05:28:34 ubuntu systemd[1]: Finished Rotate log files.  
Feb 5 05:28:34 ubuntu kernel: [56560.434680] usb 2-2.1: New USB device found, idVendor=0eef, idProduct=0008, bcdDevice= 1.00  
Feb 5 05:28:34 ubuntu kernel: [56560.434735] usb 2-2.1: New USB device strings: Mfr=1, Product=2, SerialNumber=3  
Feb 5 05:28:34 ubuntu kernel: [56560.434738] usb 2-2.1: Product: Virtual Bluetooth Adapter  
Feb 5 05:28:34 ubuntu kernel: [56560.434761] usb 2-2.1: Manufacturer: VMware  
Feb 5 05:28:34 ubuntu kernel: [56560.434762] usb 2-2.1: SerialNumber: 000650268328  
Feb 5 05:28:34 ubuntu systemd[1]: Reached target Bluetooth.  
Feb 5 05:28:34 ubuntu systemd[3833]: Reached target Bluetooth.  
Feb 5 05:28:34 ubuntu bluetoothd[43351]: Endpoint registered: sender=:1.77 path=/MediaEndpoint/A2DPSink/sbc  
Feb 5 05:28:34 ubuntu bluetoothd[43351]: Endpoint registered: sender=:1.77 path=/MediaEndpoint/A2DPSource/sbc  
Feb 5 05:28:34 ubuntu systemd[1]: man-db.service: Succeeded.  
Feb 5 05:28:34 ubuntu systemd[1]: Finished Daily man-db regeneration.  
Feb 5 05:28:35 ubuntu dbus-daemon[799]: [system] Successfully activated service 'org.freedesktop.fwupd'  
Feb 5 05:28:35 ubuntu systemd[1]: Started Firmware update daemon.  
Feb 5 05:28:35 ubuntu fwupdmgd[87208]: Updating lvfs  
Feb 5 05:28:35 ubuntu systemd[1]: fwupd-refresh.service: Main process exited, code=exited, status=1/FAILURE  
Feb 5 05:28:35 ubuntu systemd[1]: fwupd-refresh.service: Failed with result 'exit-code'.  
Feb 5 05:28:35 ubuntu systemd[1]: Failed to start Refresh fwupd metadata and update motd.  
Feb 5 05:28:39 ubuntu systemd[1]: systemd-rfkill.service: Succeeded.  
Feb 5 05:28:40 ubuntu kernel: [56566.233884] e1000: ens33 NIC Link is Up 1000 Mbps Full Duplex, Flow Control: None  
Feb 5 05:28:40 ubuntu kernel: [56566.234572] IPv6: ADDRCONF(NETDEV_CHANGE): ens33: link becomes ready  
Feb 5 05:28:40 ubuntu NetworkManager[710]: <info> [1644067720.2723] device (ens33): carrier: link connected  
Feb 5 05:28:40 ubuntu NetworkManager[710]: <info> [1644067720.2733] device (ens33): state change: unavailable -> disconnected (reason 'carrier-changed', sys-iface-state: 'managed')  
Feb 5 05:28:40 ubuntu NetworkManager[710]: <info> [1644067720.2785] policy: auto-activating connection 'Wired connection 1' (c5486941-36c8-3e8f-a909-1cf5a670b530)  
Feb 5 05:28:40 ubuntu NetworkManager[710]: <info> [1644067720.2806] device (ens33): Activation: starting connection 'Wired connection 1' (c5486941-36c8-3e8f-a909-1cf5a670b530)  
Feb 5 05:28:40 ubuntu NetworkManager[710]: <info> [1644067720.2811] device (ens33): state change: disconnected -> prepare (reason 'none', sys-iface-state: 'managed')  
Feb 5 05:28:40 ubuntu NetworkManager[710]: <info> [1644067720.2840] manager: NetworkManager state is now CONNECTING  
Feb 5 05:28:40 ubuntu NetworkManager[710]: <info> [1644067720.2887] device (ens33): state change: prepare -> config (reason 'none', sys-iface-state: 'managed')  
Feb 5 05:28:40 ubuntu NetworkManager[710]: <info> [1644067720.2910] device (ens33): state change: config -> ip-config (reason 'none', sys-iface-state: 'managed')  
Feb 5 05:28:40 ubuntu NetworkManager[710]: <info> [1644067720.2915] dhcp4 (ens33): activation: beginning transaction (timeout in 45 seconds)  
Feb 5 05:28:40 ubuntu avahi-daemon[702]: Joining mDNS multicast group on interface ens33.IPv6 with address fe80::f9bf:ae6f:4ae5:b772.  
Feb 5 05:28:40 ubuntu avahi-daemon[702]: New relevant interface ens33.IPv6 for mDNS.  
Feb 5 05:28:40 ubuntu avahi-daemon[702]: Registering new address record for fe80::f9bf:ae6f:4ae5:b772 on ens33.*.  
Feb 5 05:28:45 ubuntu NetworkManager[710]: <info> [1644067725.7260] dhcp4 (ens33): option dhcp_lease_time => '86400'  
Feb 5 05:28:45 ubuntu NetworkManager[710]: <info> [1644067725.7261] dhcp4 (ens33): option domain_name_servers => '192.168.1.1'  
Feb 5 05:28:45 ubuntu NetworkManager[710]: <info> [1644067725.7261] dhcp4 (ens33): option expiry => '1644154125'
```

```
Activities Terminal Feb 5 07:34 edgarnurmagomedov@ubuntu: ~  
Feb 5 07:29:40 ubuntu systemd[1]: Starting Hostname Service...  
Feb 5 07:29:40 ubuntu dbus-daemon[709]: [system] Successfully activated service 'org.freedesktop.hostname1'  
Feb 5 07:29:40 ubuntu systemd[1]: Started Hostname Service.  
Feb 5 07:29:56 ubuntu systemd[1]: fportnd.service: Succeeded.  
Feb 5 07:30:01 ubuntu CRON[89535]: (root) CMD ([ -x /etc/init.d/anacron ] && if [ ! -d /run/systemd/system ]; then /usr/sbin/invoke-rc.d anacron start >/dev/null; fi)  
Feb 5 07:30:10 ubuntu systemd[1]: systemd-hostnamed.service: Succeeded.  
edgarnurmagomedov@ubuntu:~$ ps /var/log/syslog  
error: garbage option  
  
Usage:  
ps [options]  
  
Try 'ps --help <simple|list|output|threads|misc|all>'  
or 'ps --help <s|l|o|t|n|a>' for additional help text.  
  
For more details see ps(1).  
edgarnurmagomedov@ubuntu:~$ cat /var/log/syslog | grep systemd  
Feb 5 05:28:34 ubuntu systemd[1]: logrotate.service: Succeeded.  
Feb 5 05:28:34 ubuntu systemd[1]: Finished Rotate log files.  
Feb 5 05:28:34 ubuntu systemd[1]: Reached target Bluetooth.  
Feb 5 05:28:34 ubuntu systemd[3833]: Reached target Bluetooth.  
Feb 5 05:28:34 ubuntu systemd[1]: man-db.service: Succeeded.  
Feb 5 05:28:34 ubuntu systemd[1]: Finished Daily man-db regeneration.  
Feb 5 05:28:35 ubuntu systemd[1]: Started Firmware update daemon.  
Feb 5 05:28:35 ubuntu systemd[1]: fwupd-refresh.service: Main process exited, code=exited, status=1/FAILURE  
Feb 5 05:28:35 ubuntu systemd[1]: fwupd-refresh.service: Failed with result 'exit-code'.  
Feb 5 05:28:35 ubuntu systemd[1]: Failed to start Refresh fwupd metadata and update motd.  
Feb 5 05:28:39 ubuntu systemd[1]: systemd-rfkill.service: Succeeded.  
Feb 5 05:28:54 ubuntu dbus-daemon[709]: [system] Activating via systemd: service name='org.freedesktop.PackageKit' unit='packagekit.service' requested by ':1.615' (uid=0 pld=87629 conn="/usr/bin/gdbus c  
all --system --dest org.freedesktop" label="unconfined")  
Feb 5 05:28:54 ubuntu systemd[1]: Starting PackageKit Daemon...  
Feb 5 05:28:54 ubuntu systemd[1]: Started PackageKit Daemon.  
Feb 5 05:28:56 ubuntu systemd[1]: NetworkManager-dispatcher.service: Succeeded.  
Feb 5 05:28:58 ubuntu dbus-daemon[709]: [system] Activating via systemd: service name='org.freedesktop.hostname1' unit='dbus-org.freedesktop.hostname1.service' requested by ':1.617' (uid=1000 pld=87728  
conn="/usr/bin/nautilus --gapplication-service " label="unconfined")  
Feb 5 05:28:58 ubuntu systemd[1]: Starting Hostname Service...  
Feb 5 05:28:58 ubuntu systemd[1]: Started Hostname Service.  
Feb 5 05:29:05 ubuntu systemd[1]: apt-daily.service: Succeeded.  
Feb 5 05:29:05 ubuntu systemd[1]: Finished Daily apt download activities.  
Feb 5 05:29:05 ubuntu systemd[1]: Starting Daily apt upgrade and clean activities...  
Feb 5 05:29:11 ubuntu systemd[1]: apt-daily-upgrade.service: Succeeded.  
Feb 5 05:29:11 ubuntu systemd[1]: Finished Daily apt upgrade and clean activities.  
Feb 5 05:29:28 ubuntu systemd[1]: systemd-hostnamed.service: Succeeded.  
Feb 5 05:33:34 ubuntu systemd[1]: anacron.service: Succeeded.  
Feb 5 05:36:04 ubuntu systemd[1]: packagekit.service: Succeeded.  
Feb 5 05:54:05 ubuntu dbus-daemon[709]: [system] Activating via systemd: service name='org.freedesktop.nm_dispatcher' unit='dbus-org.freedesktop.nm_dispatcher.service' requested by ':1.10' (uid=0 pld=71  
0 conn="/usr/sbin/NetworkManager --no-daemon " label="unconfined")  
Feb 5 05:54:05 ubuntu systemd[1]: Starting Network Manager Script Dispatcher Service...
```



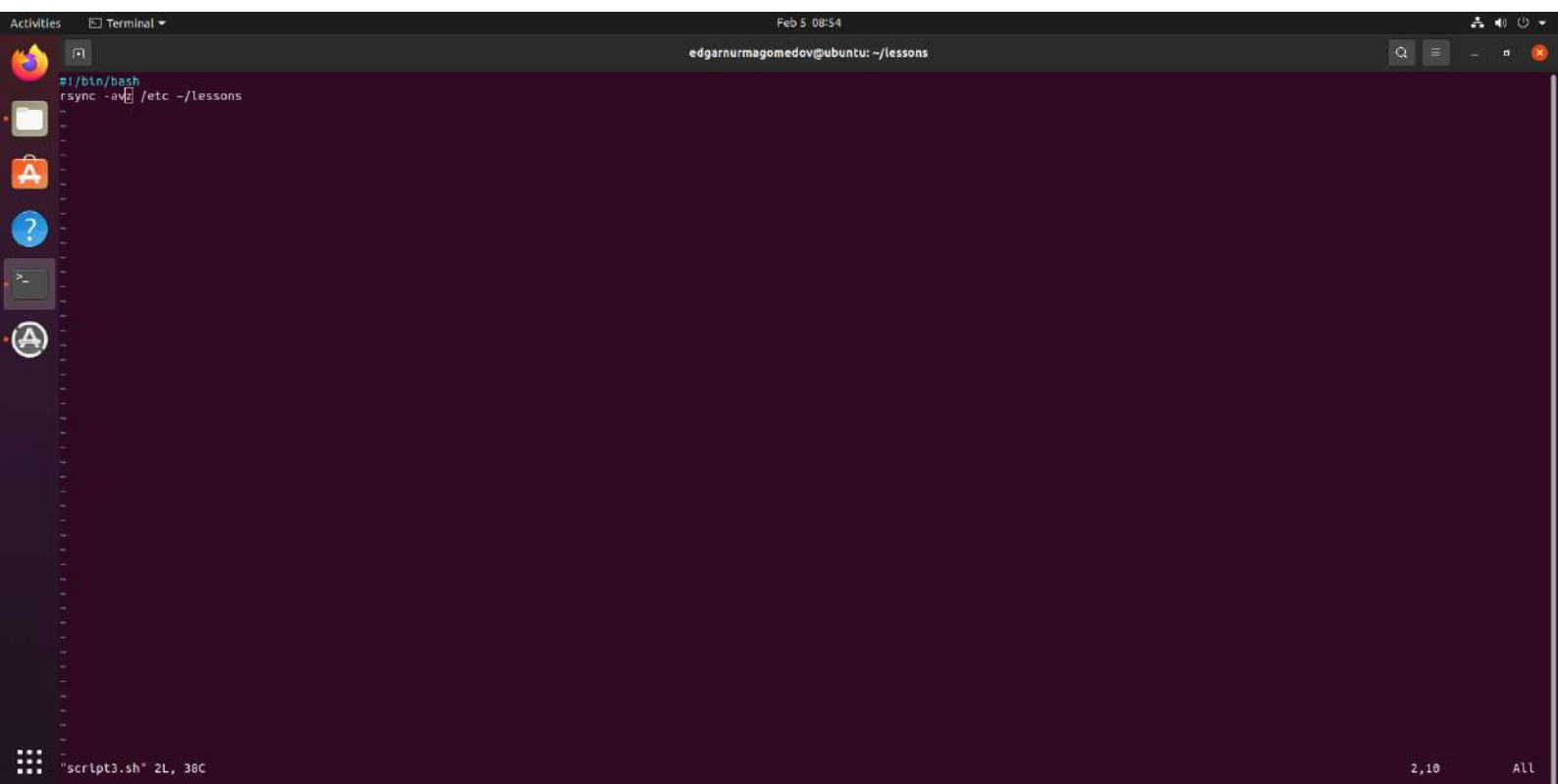
```
Activities Terminal Feb 5 07:35 edgarnurnagomedov@ubuntu: ~  
Feb 5 06:49:00 ubuntu systemd[3833]: gnome-terminal-server.service: Succeeded.  
Feb 5 06:49:06 ubuntu systemd[3833]: Started Application launched by gnome-shell.  
Feb 5 06:49:06 ubuntu dbus-daemon[3845]: [session uid=1000 pid=3845] Activating via systemd: service name='org.gnome.Terminal' unit='gnome-terminal-server.service' requested by ':1.299' (uid=1000 pid=89291 comm="/usr/bin/gnome-terminal.real" label="unconfined")  
Feb 5 06:49:06 ubuntu systemd[3833]: Starting GNOME Terminal Server...  
Feb 5 06:49:07 ubuntu systemd[3833]: Started GNOME Terminal Server.  
Feb 5 06:49:07 ubuntu systemd[3833]: Started VTE child process 89302 launched by gnome-terminal-server process 89294.  
Feb 5 06:49:07 ubuntu systemd[3833]: gnome-launched-org.gnome.Terminal.desktop-89288.scope: Succeeded.  
Feb 5 07:00:14 ubuntu dbus-daemon[799]: [system] Activating via systemd: service name='org.freedesktop.hostname1' unit='dbus-org.freedesktop.hostname1.service' requested by ':1.634' (uid=1000 pid=89094 comm="/usr/bin/nautilus --gapplication-service" label="unconfined")  
Feb 5 07:00:14 ubuntu systemd[1]: Starting Hostname Service...  
Feb 5 07:00:14 ubuntu systemd[1]: Started Hostname Service.  
Feb 5 07:00:44 ubuntu systemd[1]: systemd-hostnamed.service: Succeeded.  
Feb 5 07:20:32 ubuntu dbus-daemon[799]: [system] Activating via systemd: service name='org.freedesktop.nm_dispatcher' unit='dbus-org.freedesktop.nm_dispatcher.service' requested by ':1.10' (uid=0 pid=710 comm="/usr/sbin/NetworkManager --no-daemon" label="unconfined")  
Feb 5 07:20:32 ubuntu systemd[1]: Starting Network Manager Script Dispatcher Service...  
Feb 5 07:20:32 ubuntu systemd[1]: Started Network Manager Script Dispatcher Service.  
Feb 5 07:20:42 ubuntu systemd[1]: NetworkManager-dispatcher.service: Succeeded.  
Feb 5 07:20:47 ubuntu dbus-daemon[799]: [system] Activating via systemd: service name='org.freedesktop.nm_dispatcher' unit='dbus-org.freedesktop.nm_dispatcher.service' requested by ':1.10' (uid=0 pid=710 comm="/usr/sbin/NetworkManager --no-daemon" label="unconfined")  
Feb 5 07:20:47 ubuntu systemd[1]: Starting Network Manager Script Dispatcher Service...  
Feb 5 07:20:47 ubuntu systemd[1]: Started Network Manager Script Dispatcher Service.  
Feb 5 07:20:57 ubuntu systemd[1]: NetworkManager-dispatcher.service: Succeeded.  
Feb 5 07:20:35 ubuntu systemd[1]: fwupd.service: Succeeded.  
Feb 5 07:29:25 ubuntu dbus-daemon[799]: [system] Activating via systemd: service name='net.reactivated.Fprint' unit='fprintd.service' requested by ':1.86' (uid=1000 pid=4100 comm="/usr/bin/gnome-shell" label="unconfined")  
Feb 5 07:29:25 ubuntu systemd[1]: Starting Fingerprint Authentication Daemon...  
Feb 5 07:29:40 ubuntu systemd[1]: Started Fingerprint Authentication Daemon.  
Feb 5 07:29:40 ubuntu systemd[799]: [system] Activating via systemd: service name='org.freedesktop.hostname1' unit='dbus-org.freedesktop.hostname1.service' requested by ':1.634' (uid=1000 pid=89094 comm="/usr/bin/nautilus --gapplication-service" label="unconfined")  
Feb 5 07:29:40 ubuntu systemd[1]: Starting Hostname Service...  
Feb 5 07:29:40 ubuntu systemd[1]: Started Hostname Service.  
Feb 5 07:29:56 ubuntu systemd[1]: fprintd.service: Succeeded.  
Feb 5 07:30:01 ubuntu CRON[89535]: (root) CMD ([ -x /etc/init.d/anacron ] && if [ ! -d /run/systemd/system ]; then /usr/sbin/invoke-rc.d anacron start >/dev/null; fi)  
Feb 5 07:30:10 ubuntu systemd[1]: systemd-hostnamed.service: Succeeded.  
Feb 5 07:30:47 ubuntu systemd[1]: Started Run anacron jobs.  
Feb 5 07:30:47 ubuntu systemd[1]: anacron.service: Succeeded.  
Feb 5 07:31:05 ubuntu dbus-daemon[799]: [system] Activating via systemd: service name='org.freedesktop.hostname1' unit='dbus-org.freedesktop.hostname1.service' requested by ':1.634' (uid=1000 pid=89094 comm="/usr/bin/nautilus --gapplication-service" label="unconfined")  
Feb 5 07:31:05 ubuntu systemd[1]: Starting Hostname Service...  
Feb 5 07:31:05 ubuntu systemd[1]: Started Hostname Service.  
Feb 5 07:31:35 ubuntu systemd[1]: systemd-hostnamed.service: Succeeded.  
edgarnurnagomedov@ubuntu:~$ cat /var/log/syslog | grep systemd[1]: fwupd-refresh.service  
grep: fwupd-refresh.service: No such file or directory  
edgarnurnagomedov@ubuntu:~$ cat /var/log/syslog | grep fwupd-refresh.service  
Feb 5 05:28:35 ubuntu systemd[1]: fwupd-refresh.service: Main process exited, code=exited, status=1/FAILURE  
Feb 5 05:28:35 ubuntu systemd[1]: fwupd-refresh.service: Failed with result 'exit-code'.  
edgarnurnagomedov@ubuntu:~$
```



```
Activities Terminal Feb 5 07:52 edgarnurnagomedov@ubuntu: -
Feb 5 07:31:05 ubuntu systemd[1]: Started Hostname Service.
Feb 5 07:31:35 ubuntu systemd[1]: systemd-hostnamed.service: Succeeded.
edgarnurnagomedov@ubuntu:~$ cat /var/log/syslog | grep systemd[1]: fwupd-refresh.service
grep: fwupd-refresh.service: No such file or directory
edgarnurnagomedov@ubuntu:~$ cat /var/log/syslog | grep fwupd-refresh.service
Feb 5 05:28:35 ubuntu systemd[1]: fwupd-refresh.service: Main process exited, code=exited, status=1/FAILURE
Feb 5 05:28:35 ubuntu systemd[1]: fwupd-refresh.service: Failed with result 'exit-code'.
edgarnurnagomedov@ubuntu:~$ sudo systemctl status atd.
[sudo] password for edgarnurnagomedov:
Unit atd.service could not be found.
edgarnurnagomedov@ubuntu:~$ sudo apt install at -y
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  libfl2
Suggested packages:
  default-nta | mail-transport-agent
The following NEW packages will be installed:
  at libfl2
0 upgraded, 2 newly installed, 0 to remove and 7 not upgraded.
Need to get 50.1 kB of archives.
After this operation, 241 kB of additional disk space will be used.
Get:1 http://us.archive.ubuntu.com/ubuntu focal/main amd64 libfl2 amd64 2.6.4-6.2 [11.5 kB]
Get:2 http://us.archive.ubuntu.com/ubuntu focal/main amd64 at amd64 3.1.23-1ubuntu1 [38.7 kB]
Fetched 50.1 kB in 1s (53.1 kB/s)
Selecting previously unselected package libfl2:amd64.
(Reading database ... 160714 files and directories currently installed.)
Preparing to unpack .../libfl2_2.6.4-6.2_amd64.deb ...
Unpacking libfl2:amd64 (2.6.4-6.2) ...
Selecting previously unselected package at.
Preparing to unpack .../at_3.1.23-1ubuntu1_amd64.deb ...
Unpacking at (3.1.23-1ubuntu1) ...
Setting up libfl2:amd64 (2.6.4-6.2) ...
Setting up at (3.1.23-1ubuntu1) ...
Created symlink /etc/systemd/system/multi-user.target.wants/atd.service → /lib/systemd/system/atd.service.
Processing triggers for systemd (245.4-4ubuntu3.15) ...
Processing triggers for nan-db (2.9.1-1) ...
Processing triggers for libc-bin (2.31-0ubuntu9.2) ...
edgarnurnagomedov@ubuntu:~$ echo "/usr/sbin/reboot -r now" | at 17:00 Feb 15
warning: commands will be executed using /bin/sh
job 1 at Tue Feb 15 17:00:00 2022
edgarnurnagomedov@ubuntu:~$ atq
1 Tue Feb 15 17:00:00 2022 a edgarnurnagomedov
edgarnurnagomedov@ubuntu:~$ atrm 1
edgarnurnagomedov@ubuntu:~$ atq
edgarnurnagomedov@ubuntu:~$
```

```
Activities Terminal Feb 5 08:54
edgarnurmagomedov@ubuntu: ~/lessons

tar: Child returned status 2
tar: Error is not recoverable: exiting now
edgarnurmagomedov@ubuntu:~/lessons$ sudo apt-get install rsync
[sudo] password for edgarnurmagomedov:
Reading package lists... Done
Building dependency tree
Reading state information... Done
rsync is already the newest version (3.1.3-8ubuntu0.1).
rsync set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 7 not upgraded.
edgarnurmagomedov@ubuntu:~/lessons$ vim script3.sh
edgarnurmagomedov@ubuntu:~/lessons$ ./script3.sh
sending incremental file list
rsync: opendir "/etc/cups/ssl" failed: Permission denied (13)
etc/
rsync: send_files failed to open "/etc/.pwd.lock": Permission denied (13)
etc/adduser.conf
etc/anacrontab
etc/apg.conf
etc/appstream.conf
rsync: send_files failed to open "/etc/at.deny": Permission denied (13)
etc/bash.bashrc
etc/bash_completion
etc/bindresvport.blacklist
rsync: send_files failed to open "/etc/brlapi.key": Permission denied (13)
etc/brltty.conf
etc/ca-certificates.conf
etc/ca-certificates.conf.dpkg-old
etc/crontab
etc/debconf.conf
etc/debian_version
etc/deluser.conf
etc/e2scrub.conf
etc/environment
etc/ethertypes
etc/fprintd.conf
etc/fstab
etc/fuse.conf
etc/gal.conf
etc/gamemode.ini
etc/group
etc/group-
rsync: send_files failed to open "/etc/gshadow": Permission denied (13)
rsync: send_files failed to open "/etc/gshadow-": Permission denied (13)
etc/hdparm.conf
etc/host.conf
etc/hostid
etc/hostname
etc/hosts
```



```
Activities Terminal Feb 5 09:16 edgarnurmagomedov@ubuntu: ~/lessons

edgarnurmagomedov@ubuntu:~/lessons$ crontab -e
no crontab for edgarnurmagomedov - using an empty one

Select an editor. To change later, run 'select-editor'.
 1. /bin/nano          <---- easiest
 2. /usr/bin/vim.basic
 3. /usr/bin/mcedit
 4. /usr/bin/vim.tiny
 5. /bin/ed

Choose 1-5 [1]: 2
crontab: installing new crontab
edgarnurmagomedov@ubuntu:~/lessons$ crontab -e
crontab: installing new crontab
edgarnurmagomedov@ubuntu:~/lessons$ crontab -l
# Edit this file to introduce tasks to be run by cron.
#
# Each task to run has to be defined through a single line
# indicating with different fields when the task will be run
# and what command to run for the task
#
# To define the time you can provide concrete values for
# minute (m), hour (h), day of month (dom), month (mon),
# and day of week (dow) or use '*' in these fields (for 'any').
#
# Notice that tasks will be started based on the cron's system
# daemon's notion of time and timezones.
#
# Output of the crontab jobs (including errors) is sent through
# email to the user the crontab file belongs to (unless redirected).
#
# For example, you can run a backup of all your user accounts
# at 5 a.m every week with:
# 0 5 * * 1 tar -zcf /var/backups/home.tgz /home/
#
# For more information see the manual pages of crontab(5) and cron(8)
#
# h h dom
0 0 1 5 1 /home/edgarnurmagomedov/lessons/script3.sh
edgarnurmagomedov@ubuntu:~/lessons$
```