

Exercise 2:

1. all files under the /etc directory whose names begin with rc

```
salmane@salmane-VirtualBox:~$ find /etc -name rc*
/etc/rc5.d
/etc/rc0.d
find: '/etc/cups/ssl': Permission denied
/etc/rc5.d
find: '/etc/ppp/peers': Permission denied
find: '/etc/polkit-1/localauthority': Permission denied
/etc/rc3.d
find: '/etc/chatscripts': Permission denied
/etc/alternatives/rcp
/etc/alternatives/rcp.1.gz
/etc/rc2.d
/etc/rc6.d
find: '/etc/ssl/private': Permission denied
/etc/rc1.d
/etc/rc4.d
```

2. all regular files belonging to you; put the result in the file /tmp/findme and errors in /dev/null

```
salmane@salmane-VirtualBox:~$ find ~ -type f > /tmp/findme 2> /dev/null
salmane@salmane-VirtualBox:~$ cat /tmp/findme
/home/salmane/Pictures/Screenshots/Screenshot from 2024-07-01 21-35-43.png
/home/salmane/.sudo_as_admin_successful
/home/salmane/.vimrc
/home/salmane/.lessshst
/home/salmane/.viminfo
/home/salmane/.bashrc
/home/salmane/.vboxclient-seamless-tty2-service.pid
/home/salmane/.vboxclient-clipboard-tty2-control.pid
/home/salmane/.vboxclient-clipboard-tty2-service.pid
/home/salmane/.vboxclient-draganddrop-tty2-control.pid
/home/salmane/.vboxclient-vmvga-session-tty2-service.pid
/home/salmane/Documents/VBoxSolarisAdditions.pkg
/home/salmane/Documents/VBoxDarwinAdditions.pkg
/home/salmane/Documents/VBoxDarwinAdditionsUninstall.tool
/home/salmane/Documents/autorun.sh
/home/salmane/Documents/VBoxWindowsAdditions-amd64.exe
/home/salmane/Documents/VBoxWindowsAdditions-x86.exe
/home/salmane/Documents/VBoxLinuxAdditions.run
/home/salmane/Documents/windows11-bypass.reg
/home/salmane/Documents/runasroot.sh
/home/salmane/Documents/AUTORUN.INF
```

3. all subdirectories of /etc

```
salmane@salmane-VirtualBox:~$ find /etc -type d
/etc
/etc/glvnd
/etc/glvnd/egl_vendor.d
/etc/pm
/etc/pm/sleep.d
/etc/ldap
/etc/sensors.d
/etc/cron.hourly
/etc/rc5.d
/etc/dbus-1
/etc/dbus-1/session.d
/etc/dbus-1/system.d
/etc/update-manager
/etc/update-manager/release-upgrades.d
/etc/iproute2
/etc/iproute2/rt_protos.d
/etc/iproute2/rt_tables.d
/etc/rc0.d
/etc/logcheck
/etc/logcheck/ignore.d.paranoid
/etc/logcheck/ignore.d.server
/etc/apm
/etc/apm/scripts.d
/etc/apm/resume.d
```

4. all regular files under your home directory that have not been modified in the last 10 days

```
salmene@salmene-VirtualBox:~$ find ~ -type f -mtime +10
/home/salmene/.sudo_as_admin_successful
/home/salmene/.vimrc
/home/salmene/.lessht
/home/salmene/.viminfo
/home/salmene/.bashrc
/home/salmene/Documents/VBoxSolarisAdditions.pkg
/home/salmene/Documents/VBoxDarwinAdditions.pkg
/home/salmene/Documents/VBoxDarwinAdditionsUninstall.tool
/home/salmene/Documents/autorun.sh
/home/salmene/Documents/VBoxWindowsAdditions-amd64.exe
/home/salmene/Documents/VBoxWindowsAdditions-x86.exe
/home/salmene/Documents/VBoxLinuxAdditions.run
/home/salmene/Documents/windows11-bypass.reg
/home/salmene/Documents/runasroot.sh
/home/salmene/Documents/AUTORUN.INF
/home/salmene/Documents/OS2/libc06.dll
/home/salmene/Documents/OS2/VBoxSF.ifs
/home/salmene/Documents/OS2/VBoxOs2AdditionsInstall.exe
/home/salmene/Documents/OS2/libc062.dll
/home/salmene/Documents/OS2/gengradd.dll
/home/salmene/Documents/OS2/libc061.dll
/home/salmene/Documents/OS2/VBoxService.exe
```

5. The 10 largest files in your computer

```
salmene@salmene-VirtualBox:~$ sudo find / -type f -exec du -h {} + | sort -rh | head -n 10
find: '/run/user/1000/doc': Permission denied
find: '/run/user/1000/gvfs': Permission denied
du: cannot access '/proc/5353/task/5353/fdinfo/5': No such file or directory
du: cannot access '/proc/5353/fdinfo/5': No such file or directory
1.9G    /swapfile
497M    /var/lib/snapd/snaps/gnome-42-2204_141.snap
486M    /var/lib/snapd/snaps/gnome-42-2204_120.snap
486M    /var/lib/snapd/seed/snaps/gnome-42-2204_120.snap
350M    /var/lib/snapd/snaps/gnome-3-38-2004_143.snap
350M    /var/lib/snapd/seed/snaps/gnome-3-38-2004_143.snap
269M    /var/lib/snapd/snaps/firefox_4483.snap
241M    /var/lib/snapd/snaps/firefox_3290.snap
238M    /var/lib/snapd/seed/snaps/firefox_2987.snap
153M    /usr/lib/thunderbird/libxul.so
```